



## **IRC Merchandise Polychlorinated Biphenyl (PCB) Sampling Report**

Indianapolis Return Center  
3333 N. Franklin Rd.  
Indianapolis, IN

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**Walmart**

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Date:  
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## **Acronyms and Abbreviations**

ALS:	ALS Environmental
cm:	Centimeter
COC:	Chain-of Custody
ENVIRON:	Environ International Corporation
EPA:	Environmental Protection Agency
GC:	Gas Chromatography
HASP:	Health and Safety Plan
IPA:	Isopropyl alcohol
IDEM:	Indiana Department of Environmental Management
ml:	Milliliter
$\mu\text{g}/\text{m}^3$ :	Micrograms per cubic meter
$\mu\text{g}/\text{cm}^2$ :	Micrograms per square centimeter
NELAP:	National Environmental Laboratory Accreditation Program
OSHA:	Occupational Safety and Health Administration
PCB:	Polychlorinated Biphenyl
ppm:	Parts per million
TSCA:	Toxic Substances Control Act
USEPA:	United States Environmental Protection Agency

# 1 Introduction

ENVIRON International Corporation (ENVIRON) is pleased to provide this evaluation of Polychlorinated Biphenyl (PCB) Analysis results from sampling stored items at the Indianapolis Return Center (IRC) located at 3333 North Franklin Road in Indianapolis, Indiana. The IRC is a 275,000 square foot warehouse and distribution building on a 14.8-acre parcel located in a mixed land-use area (industrial to the south and east, residential to the north and west) just east of I-465 at the intersection of North Franklin Road and East 33<sup>rd</sup> Street, Indianapolis (Figure 1).

The objective of the sampling and analysis was to assess the presence of PCBs on surfaces at the IRC including the surfaces of shipping packaging, consumer packaging and, in some cases, exposed surfaces of consumer products. Separate evaluations of building materials (e.g., paint and caulk) have suggested the presence of PCBs in the building relating to materials associated with the construction of the building. This evaluation was conducted to characterize the presence, if any, of PCBs on surfaces associated with items that had been stored in the building. The goals of the sampling were to 1) determine PCB concentrations on exposed item surfaces to inform determinations regarding disposition of the merchandise, and 2) to determine the extent of dislodgeable particulate material (i.e., dust) containing PCBs on exposed surfaces.

The primary activities of the IRC involve receiving shipments of mixed merchandise returned from various Walmart-related retail operations, sorting this merchandise for various dispositions and preparing it for shipment to various onward recipients.

At the IRC, pallets are broken down and the boxes or other items are introduced onto a conveyor system which distributes them through the building for sorting to different sections (Departments) based on the nature of the merchandise (Figure 2). According to Walmart personnel familiar with the facility, an upper bound estimate for typical processing of merchandise being returned to vendors or transferred to a liquidator is 20 days. This was not characterized as an upper bound for the time on-site of every individual item, as delayed shipments can occur and materials managed as waste or for donation may not move through the facility as quickly, but is a conservative characterization for typical storage at the facility.

The sampling and analysis presented in this report was intended to characterize the potential deposition and adsorption of PCBs from indoor sources at the IRC onto items processed and stored at the facility. The items currently stored and the IRC and sampled are generally representative of the type of items and packaging routinely processed at the IRC.

This report summarizes the findings of the sampling activities performed at the IRC on September 4 and 5, 2014. The results obtained were compared to current regulatory criteria to provide information regarding the goals listed above.

## **2 Merchandise Packaging Sampling Activities**

A sampling plan was designed to address the goals described above using a combination of bulk samples of porous materials exposed in the building and wipe samples serving to collect dust and loosely adherent PCBs on exposed surfaces. With regard to determinations for management under USEPA's specific regulations for PCBs (40 CFR, Part 761), bulk analyses of porous materials are the relevant form of testing. The wipe samples were supplemental analyses serving to help characterize whether PCBs were present primarily as settled dust on exposed surfaces.

### **2.1 Sampling Strategy**

The sampling plan was designed to collect samples reflecting a representative group of items from all of the geographic portions of the warehouse and sorting module area of the building. The plan included:

- From the smaller departments (Cosmetics, Videos, Department 13, TV Land, and Overstock):
  - 4 wipe samples of external packaging from items in the approximate corners of the areas, and
  - 2 bulk samples from a subset of the wiped items.
- From the larger departments (Non-Conveyorable Recall, Non-Conveyorable, Recall Staging, and pallets ready to ship):
  - 8 wipe samples of external packaging from items along the outer perimeter of the department (2 per side), and
  - 4 bulk samples from a subset of the wiped items.
- From each of the six sorting modules:
  - 3 wipe samples of items from the sorting areas (near each end of the line and near the center), and
  - 2 bulk samples from the items selected from either end of the lines.

Locations at the corners, or the perimeters of the larger departments and at the ends of the sorting lines were chosen as a conservative approach to sampling the departments since the accumulation of dust in these locations seems more likely than items surrounded by other stored items or pallets. Pallets or boxes in the center of a department surrounded by other items might not receive deposition to the extent of materials in more open areas.

Sample locations and designations of the various sections of the warehouse area are shown on Figure 2.

### **2.2 Sampling Methods**

The PCB wipe and bulk sampling followed protocols developed by the Occupational Safety and Health Administration (OSHA) and USEPA.

Surface wipe sampling was conducted using the standardized wipe methodology, which provides a quantitative estimate of surface dust and readily desorbed surface content by wiping a known surface area (10 centimeters [cm] x 10 cm square, i.e., 100 square centimeters [cm<sup>2</sup>]). The surface area sampled for each item was 100 cm<sup>2</sup>. The 100 cm<sup>2</sup> value approximates the surface area of an adult's palm. Thus, the amount of surficial material in a 100 cm<sup>2</sup> area could potentially be transferred to a person's hand upon contact.

ENVIRON personnel donned a clean pair of nitrile gloves for each separate wipe sample. A new 10 cm x 10 cm cardboard template was used to define each wiped sample area and also to minimize the potential for cross-contamination. A laboratory-provided gauze pad was used to collect the surface dust sample. The gauze was removed from its packaging and wetted with approximately 1-2 milliliters (ml) of wetting agent (hexane). The pad was then used to wipe the defined area surface using an overlapping "S" pattern in a horizontal direction. The wipe was folded in half, used side in, and the defined area was wiped using an overlapping "S" pattern in a vertical direction. The wipe was folded, used side in, and placed in a pre-cleaned 30-ml glass vial provided by the laboratory. Sample containers were labeled and packed on ice for shipment to the laboratory.

Bulk samples were collected from approximately every other item that was wipe sampled in order to allow for comparisons between loose surficial content and PCB concentrations in the same material. Wipe samples were collected first, to minimize disturbance and bulk samples were collected from a separate, un-wiped portion of the product surface. In other words, the surface of the samples that were submitted for bulk testing were NOT pre-cleaned via the wipe sampling and reflected a combination of any loose surficial content and adsorbed PCBs, consistent with USEPA requirements for sampling of porous, bulk materials.

Bulk samples were collected from various materials on the exposed surfaces of items, such as paperboard/cardboard, plastic packaging, a loose plush item, and plastic shipping wrap. A combination of exposed packaging used for shipping (e.g., brown cardboard shipping boxes, shipping wrap around boxes) and exposed consumer product packaging (product boxes and plastic wrap around products), were intentionally collected to reflect the different types of exposed surfaces present in the building.

ENVIRON personnel donned a clean pair of nitrile gloves for each separate bulk sample. Box cutters were used to cut pieces several square inches in size from the sampled material. Samples were folded and placed in pre-cleaned 4 oz. glass jars provided by the laboratory. Tools were cleaned with distilled water and IPA between samples. Sample containers were labeled and packed on ice for shipment to the laboratory.

For quality control purposes, duplicate and blank samples were collected and submitted for PCB analysis during our investigations. ENVIRON collected 2 duplicate wipe samples and 1 duplicate bulk sample from tested items. In addition, 3 blank wipe samples were collected: 1 field blank of unwetted gauze, 1 equipment blank of gauze used to wipe a cleaned tool, and 1 equipment blank of gauze used to wipe a new 10 cm x 10 cm template. ENVIRON also submitted clean unwetted gauze as a media blank for bulk sample analysis.

Samples were recorded on chain-of-custody (COC) documentation and submitted under chain-of-custody protocol to ALS Environmental (ALS) in Salt Lake City, Utah. PCB analysis for wipe samples using EPA method 8082 by Gas Chromatography (GC) was conducted at this location. ALS's Salt Lake City laboratory shipped all bulk samples to ALS Laboratories in Holland, Michigan for PCB analysis using EPA method 8082 by GC. ALS is certified under the National Environmental Laboratory Accreditation Program (NELAP).

### **2.3 Investigation Derived Waste**

Waste generated during sample collection was contained in a 55-gallon drum. The drum was labeled, sealed, and stored onsite in the southeast corner of the building pending receipt of analytical results to evaluate disposal options.

### **2.4 Health and Safety**

All field activities were performed in accordance with a site-specific health and safety plan (HASP) developed for this Facility. The HASP was prepared in accordance with 29 CFR, 1910.120 to ensure that field work implemented by the ENVIRON project team was in accordance with applicable health and safety protocols.

### 3 Sampling Results

Results from ENVIRON's September 2014 field activities are summarized below and provided in the tables below and attached figures.

Samples were analyzed for PCBs as Aroclor mixtures. The only Aroclor profile match reported was for Aroclor 1260. All results discussed below were reported as concentrations of Aroclor 1260.

#### 3.1 Surface Wipe Sampling

ENVIRON collected surface wipe samples from 69 items processed at the IRC. These samples included representative samples of exposed exterior surfaces from all portions of the facility from materials such as boxes shipped to facility, plastic wrap securing palletized goods, exposed consumer packaging and loose items. The results of these samples are as follows:

- 61 out of 69 items sampled did not have detectable levels of surficial PCBs (i.e., < 0.1 µg/100 cm<sup>2</sup>).
- Samples from 8 items had detectable surficial PCBs, matching the Aroclor 1260 profile and ranging from (0.15 – 0.58 µg/100 cm<sup>2</sup>).

The samples with detectable levels of surficial PCBs included exposed paper and cardboard surfaces, along with exposed plastic wraps used for both shipping and as part of product packaging (Table 1). The reporting limit for wipe samples was 0.1 µg/wipe, corresponding to 0.1 µg/100 cm<sup>2</sup>.

**Table 1: Summary Wipe Sampling Detected Results**

Sample No.	Description of Item	Aroclor 1260 (µg/100cm <sup>2</sup> )
090414-W-013	Corrugated paperboard shipping box used to ship to Return Center (not directly consumer good)	0.15
090414-W-094	Paperboard box for vehicle seat cover	0.20
090414-W-017	Plastic shipping wrap around boxes for shipment	0.26
090414-W-005	Corrugated paperboard box used to ship to return center (not directly consumer good)	0.33
090414-W-015	Top of DVD case	0.45
090414-W-008	Plastic shipping wrap around boxes shipped to Return Center	0.49
090414-W-005	Clear plastic top of a floor cleaning cloth package	0.51
090414-W-039	Top of generator - unboxed, plastic surface	0.58

Approximately 88% of the sampled items in IRC warehouse and sorting areas did not have detectable levels of loose surficial material (e.g., dust) containing PCBs, or PCBs that were loosely adherent to the surface and extractable via the wiping procedure.

The items with detectable levels of surficial PCBs were located in various parts of the warehouse area (Figure 3).

### 3.2 Bulk Sampling

ENVIRON collected bulk samples from 40 items processed at the IRC. These samples included representative samples of exposed exterior surfaces of items from all portions of the facility from materials such as boxes shipped to facility, plastic wrap securing palletized goods, exposed consumer packaging and loose items. The results included:

- 14 out of 40 items did not contain detectable concentrations of PCBs (reporting limits varied from 0.057-0.880 ppm due to differences in the matrix characteristics).
- Samples from 26 items had detectable concentrations of PCBs matching the Aroclor 1260 profile and ranging from 0.086 - 27 ppm
- Three highest concentrations found in plastic materials (consumer and shipping)
  - 27 ppm – polyethylene package wrap of air conditioner filter
  - 9.5 ppm – black plastic bag over boxes on a pallet
  - 5.3 ppm – polyethylene package wrap, wire rack storage cart
- Lower concentrations found on paperboard/cardboard – maximum 1.9 ppm

**Table 2: Summary Bulk Sampling Detected Results**

Sample No.	Description of Item	Aroclor 1260 mg/kg (ppm)
090414-B-008	Pieces of wood pallet (shipping material)	0.086
090414-B-0004	Corrugated shipping box (shipping material)	0.14
090414-B-019	Waxy cardboard - TV box (consumer packaging)	0.15
090414-B-089	Cardboard box, baby monitor (consumer packaging)	0.19
090414-B-023	Glossy box - in-window air conditioner box (consumer packaging)	0.23
090414-B-091	Cardboard box, vehicle seat cover (consumer packaging)	0.26
090414-B-027	Thin cardboard paper "slip sheets" (shipping material)	0.27

090414-B-021	Waxy cardboard - TV box (consumer packaging)	0.29
090414-B-020	Corrugated shipping box (shipping material)	0.35
090414-B-026	Corrugated shipping box (shipping material)	0.36
090414-B-006	Children's plush toy (consumer item)	0.4
090414-B-001	Corrugated shipping box (shipping material)	0.47
090414-B-007	Corrugated shipping box (shipping material)	0.65
090414-B-002	Plastic absorbent pad package - sitting in uncovered shipping box (consumer packaging)	1.1
090414-B-009	Plastic shipping wrap (shipping material)	1.3
090414-B-014	Plastic shipping wrap (shipping material)	1.5
090414-B-016	Plastic shipping wrap (shipping material)	1.6
090414-B-025	Corrugated shipping box (shipping material)	1.9
090414-B-015	Green plastic shipping wrap (shipping material)	2.5
090414-B-018	Blue plastic packaging around paddle board (shipping material)	3.6
090414-B-011	Plastic shipping wrap	3.8
090414-B-012	(shipping material) – detected in duplicate samples	3.9
090414-B-087	Polyethylene overwrap, book & DVD set (consumer packaging)	3.9
090414-B-022	Plastic packaging around car phone speaker (consumer packaging)	4.5
090414-B-088	Polyethylene overwrap, wire rack storage cart (consumer packaging)	5.3
090414-B-024	Black plastic bag covering boxes (shipping material)	9.5
090414-B-092	Polyethylene wrap, air conditioner filter (consumer packaging)	27

Approximately 65% of the porous external surface materials for items sampled contained detectable concentrations of PCBs. The items with detectable PCB levels included a

combination of shipping materials (cardboard boxes and plastic wrap for securing boxes – 15 items) and consumer product packaging (11 items). These items were located in various locations of the warehouse area (Figure 4).

## **4 Interpretations and Conclusions**

The sampling of stored items was conducted for two purposes, 1) to evaluate potential regulatory requirements of materials relating to USEPA's PCB regulations (40 CFR, Part 761), and 2) to characterize potential deposition of loose surficial material (i.e., dust) onto the exposed surfaces of merchandise stored at the IRC. The results provide clear indications with regard to both goals. The bulk sampling results are directly applicable to requirements for management of PCB items since the exposed surfaces of plastic and paperboard/cardboard are porous materials, which are characterized via bulk samples per USEPA requirements. The wipe samples provided information regarding the relatively limited particulate and loosely adherent PCBs on surfaces in the warehouse area.

### **4.1 Bulk Sampling**

For the bulk sampling results, the key regulatory comparison is a concentration of 50 ppm (mg/kg) PCB concentration. Items with PCB concentrations at or above this value would require specialized management and disposal strategies pursuant to 40 CFR, Part 761. None of the results for items stored at the IRC approached this limit, with the maximum concentration of 27 ppm found in the plastic wrap sealed around an air conditioner filter.

These results support the conclusion that there is no indication items stored in the IRC contain PCB concentrations requiring management under federal PCB regulations due to adsorption of PCBs or particulate deposition from indoor sources at the IRC.

### **4.2 Wipe Sampling**

Wipe sampling results are not directly relevant for determining regulatory compliance characteristics of the items due to the requirement for bulk sampling of porous materials. However, both in the context of designating PCB cleanups as complete and for characterizing non-porous materials with regard to management under 40 CFR, Part 761, EPA specifies a criterion of 10 µg/100 cm<sup>2</sup>. With a maximum detected level of 0.58 µg/100 cm<sup>2</sup> found for surfaces of the low percentage of items with any detectable level of PCBs, the surficial conditions can be generally characterized as not having elevated PCB-containing dust content that would trigger any type of specialized management.

The few items with detectable surficial levels were in various parts of the building, implying there is not a localized area of PCB-containing dust serving as a source in the warehouse area of the building.

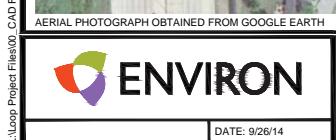
### **4.3 Conclusions**

Samples from items at the IRC were collected using a sampling design intended to obtain a representative characterization of potential PCB transfer from indoor sources at the building to items that are routinely processed, sorted and shipped at the facility. The sampling program evaluated both loose surficial material (i.e., dust) on items using wipe samples and also measured the PCB concentrations in bulk sample of the exterior, exposed surfaces of items stored in the facility.

The bulk sampling results show detectable levels of PCBs in many of the packaging materials exposed directly to the indoor conditions in the building. All concentrations were below the USEPA guideline of 50 ppm PCBs. PCBs remain ubiquitous in the environment and the low levels found in the packaging do not suggest PCB impacts indicative of a spill or release of unusual materials.

The wipe sampling results show that settled dust or particulate matter is not prevalent or the major component of PCBs measured in the building. Wipe sample results showed infrequently detectable levels of PCBs and the few detected sample results were very low in PCB content on the surficial area of the tested items.

## **Figures**

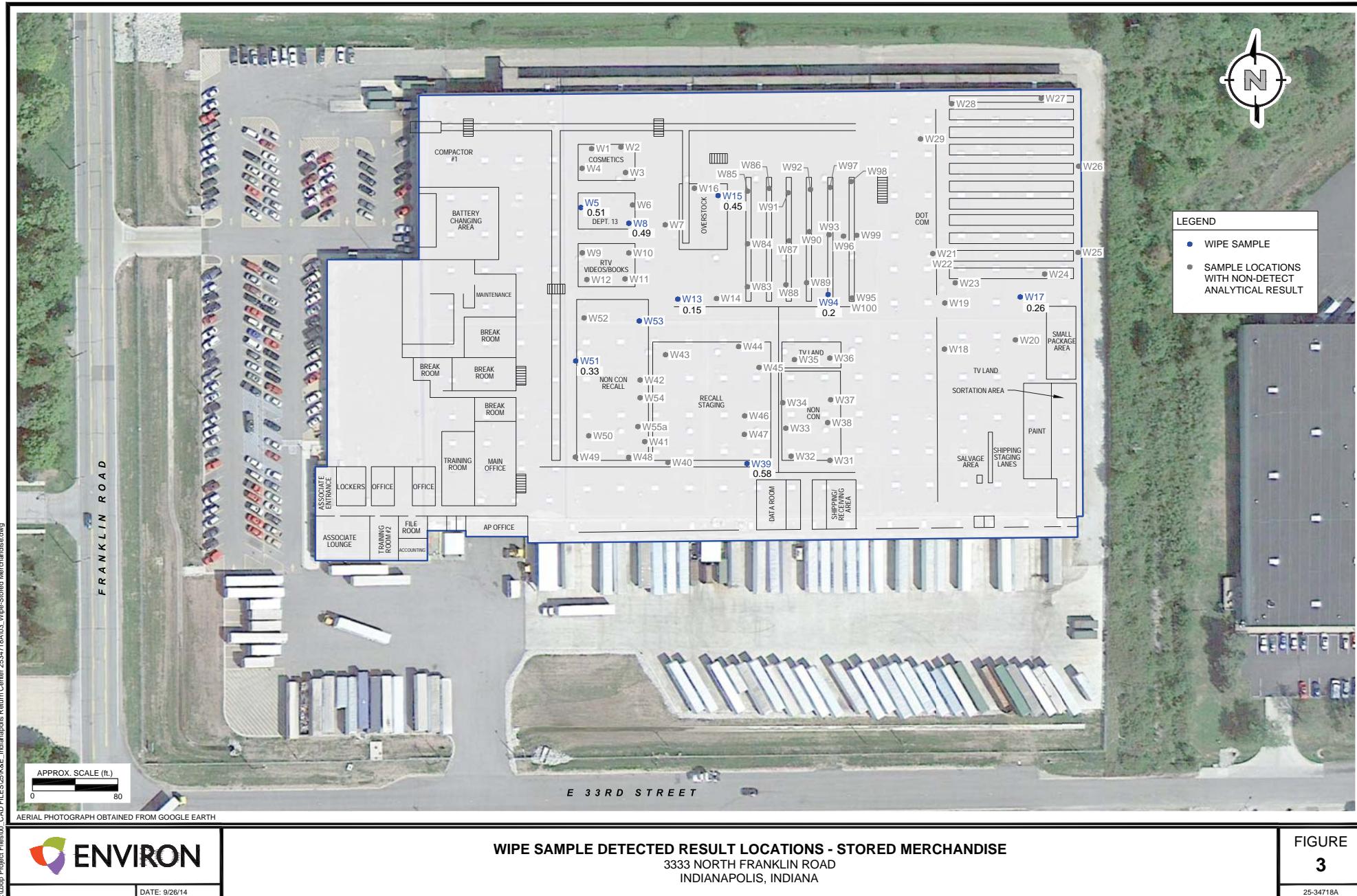


SITE LOCATION MAP  
3333 NORTH FRANKLIN ROAD  
INDIANAPOLIS, INDIANA

FIGURE  
1

PROJECT







**BULK SAMPLE DETECTED RESULTS LOCATIONS - STORED MERCHANDISE**  
3333 NORTH FRANKLIN ROAD  
INDIANAPOLIS, INDIANA

FIGURE  
4

25-34718A

## **Appendix A**

### **Tabulation of Testing Results**

**Wipe Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Detection Limit Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Notes
090414-W-001	Cosmetics, NW corner	Corrugated cardboard shipping box	ND	0.1	
090414-W-002	Cosmetics, NE corner	Packaging material, sanitary liners	ND	0.1	
090414-W-003	Cosmetics, SW corner	Corrugated cardboard shipping box	ND	0.1	
090414-W-004	Cosmetics, SE corner	Waxed cardboard box	ND	0.1	
090414-W-005	Dept 13, West side, Center	Plastic top of floor cleaner product package	0.51	0.1	
090414-W-006	Dept 13, Center	Corrugated cardboard shipping box	ND	0.1	
090414-W-007	Dept 13, East side, near conveyor	Air pack bubble packaging	ND	0.1	
090414-W-008	Dept 13, SE corner	Shipping shrink wrap	0.49	0.1	
090414-W-009	RTV Videos/Books, NW corner	Cover of book sitting in open box	ND	0.1	
090414-W-010	RTV Videos/Books, NE corner	Cover of a book in a pile	ND	0.1	
090414-W-011	RTV Videos/Books, SE corner	Black garbage bag material covering boxes	ND	0.1	
090414-W-012	RTV Videos/Books, SW corner	Corrugated cardboard shipping box	ND	0.1	
090414-W-013	Overstock, SW corner	Corrugated cardboard shipping box	0.15	0.1	
090414-W-014	Overstock, SE corner	Wood pallet	ND	0.1	
090414-W-015	Overstock, East side, north	Top of DVD case	0.45	0.1	
090414-W-016	Overstock, North side, near conveyor	Corrugated cardboard shipping box	ND	0.1	
090414-W-017	TV Land, NE corner	Plastic wrap around shipping box	0.26	0.1	In warehouse area on east side of facility
090414-W-018	TV Land, SW corner	Top of syrofoam packaging (TV packaging)	ND	0.1	In warehouse area on east side of facility
090414-W-019	TV Land, NW corner	Top of waxed cardboard TV box	ND	0.1	In warehouse area on east side of facility
090414-W-020	TV Land, SE corner	TV screen	ND	0.1	In warehouse area on east side of facility
090414-W-021	Pallets Ready to Ship (Outbound), West side, South end	Shrink wrap around stand-up paddle boards	ND	0.1	

**Wipe Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Detection Limit Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Notes
090414-W-022	Pallets Ready to Ship (Outbound), West side, South end	DUPLICATE sample of W-021	ND	0.1	FIELD DUPLICATE (W-021)
090414-W-023	Pallets Ready to Ship (Outbound), South side, West end	Clear plastic wrap for shipment around stand fan box	ND	0.1	
090414-W-024	Pallets Ready to Ship (Outbound), South side, East end	Black plastic wrap around shipping boxes	ND	0.1	
090414-W-025	Pallets Ready to Ship (Outbound), East side, South end	Corrugated cardboard shipping box	ND	0.1	
090414-W-026	Pallets Ready to Ship (Outbound), East side, Center	Plastic shrink wrap around boxes of diapers	ND	0.1	
090414-W-027	Pallets Ready to Ship (Outbound), North side, East end	Green shipping plastic wrap covering box	ND	0.1	
090414-W-028	Pallets Ready to Ship (Outbound), North side, West end	Green shipping plastic wrap covering box	ND	0.1	same item as APEX sample W-ML-RK20-11
090414-W-029	Pallets Ready to Ship (Outbound), West side, North end	Green shipping plastic wrap covering box	ND	0.1	same item as APEX sample W-ML-N8
090414-W-030	BLANK	FIELD BLANK	ND	0.1	FIELD BLANK
090414-W-031	Non-Conveyorable	Plastic sheeting for shipment wrapped around a kayak	ND	0.1	
090414-W-032	Non-Conveyorable	Corrugated cardboard shipping box	ND	0.1	
090414-W-033	Non-Conveyorable	Glass table top - unpackaged	ND	0.1	same item as APEX sample W-ML-I2
090414-W-034	Non-Conveyorable	Corrugated cardboard shipping box	ND	0.1	
090414-W-035	Non-Conveyorable	Board game box	ND	0.1	
090414-W-036	Non-Conveyorable	Blue plastic wrap around kayak	ND	0.1	
090414-W-037	Non-Conveyorable	Waxed cardboard TV box	ND	0.1	

**Wipe Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Detection Limit Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Notes
090414-W-038	Non-Conveyorable	Rolled up rug	ND	0.1	
090414-W-039	Recall Staging	Top of unpackaged generator (surface is hard plastic)	0.58	0.1	
090414-W-040	Recall Staging	Corrugated cardboard shipping box	ND	0.1	
090414-W-041	Recall Staging	Waxed cardboard TV box	ND	0.1	
090414-W-042	Recall Staging	Waxed cardboard TV box	ND	0.1	
090414-W-043	Recall Staging	Bluetooth car speakerphone - plastic wrap around package (would go to consumer)	ND	0.1	
090414-W-044	Recall Staging	Hedge trimmer	ND	0.1	
090414-W-045	Recall Staging	Unpackaged in-window air conditioner unit	ND	0.1	
090414-W-046	Recall Staging	Waxed cardboard box, in-window air conditioner unit	ND	0.1	
090414-W-047	Recall Staging	DUPLICATE sample of W-046	ND	0.1	FIELD DUPLICATE (W-046)
090414-W-048	Non-Conveyorable Recall	Black plastic wrap around shipping boxes	ND	0.1	
090414-W-049	Non-Conveyorable Recall	Top of plastic drawer organizer unit	ND	0.1	
090414-W-050	Non-Conveyorable Recall	Bottom of open plastic storage bin	ND	0.1	
090414-W-051	Non-Conveyorable Recall	Corrugated cardboard shipping box	0.33	0.1	
090414-W-052	Non-Conveyorable Recall	Black plastic wrap around shipping boxes	ND	0.1	
090414-W-053	Non-Conveyorable Recall	Corrugated cardboard shipping box	ND	0.1	
090414-W-054	Non-Conveyorable Recall	Cardboard paper sheets labeled "slip sheets"	ND	0.1	
090414-W-055	Non-Conveyorable Recall	Waxed cardboard box, box fan	ND	0.1	
090414-W-083	Module 6, South end	Polystyrene clam shell, GPS unit	ND	0.1	Module 6 located on west side of the 6 - Module area
090414-W-084	Module 6, Center	Cardboard box, cellphone	ND	0.1	
090414-W-085	Module 6, North end	Cardboard box, toilet seat	ND	0.1	
090414-W-086	Module 5, North end	Cardboard, hair clipper	ND	0.1	
090414-W-087	Module 5, Center	Cardboard, HDMI cable 2-Pack	ND	0.1	

**Wipe Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Detection Limit Aroclor 1260 ( $\mu\text{g}/100 \text{ cm}^2$ )	Notes
090414-W-088	Module 5, South end	Polyethylene overwrap, book & DVD set	ND	0.1	
090414-W-089	Module 4, South end	Polyethylene overwrap, wire rack cart	ND	0.1	
090414-W-090	Module 4, Center	Polyethylene overwrap, baking dishes	ND	0.1	
090414-W-091	Module 4, North end	Carboard box, baby monitor	ND	0.1	
090414-W-092	Module 3, North end	Cardboard box, air mattress	ND	0.1	
090414-W-093	Module 3, Center	Paper board box, phone	ND	0.1	
090414-W-094	Module 3, South end	Cardboard box, auto seat cover	0.2	0.1	
090414-W-095	Module 2, South end	Polyethylene wrap, air filter	ND	0.1	
090414-W-096	Module 2, Center	Polystyrene clam shell package, headphone	ND	0.1	
090414-W-097	Module 2, North end	Cardboard box, computer networking device	ND	0.1	
090414-W-098	Module 1, North end	Cardboard box, docking station	ND	0.1	Module 1 located on east side of the 6 - Module area
090414-W-099	Module 1, Center	Box, recording discs	ND	0.1	
090414-W-100	Module 1, South end	Paperboard on recording disc jewel case	ND	0.1	
090514-W-069	BLANK	EQUIPMENT BLANK deconned boxcutter	ND	0.1	EQUIPMENT BLANK
090514-W-070	BLANK	EQUIPMENT BLANK wetted clean gauze with hexane	ND	0.1	EQUIPMENT BLANK

**Bulk Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 (mg/kg)	Detection Limit Aroclor 1260 (mg/kg)	Notes
090414-B-001	Cosmetics, NW corner	Corrugated shipping box	0.47	0.099	
090414-B-002	Cosmetics, NE corner	Packaging material, sanitary liners	1.1	0.170	
090414-B-003	Dept 13, West side, Center	Plastic top of floor cleaner product package	ND	0.057	
090414-B-004	Dept 13, Center	Corrugated shipping box	0.14	0.070	
090414-B-005	RTV Videos/Books, NW corner	Cover of book	ND	0.140	
090414-B-006	RTV Videos/Books, NE corner	Children's toy bear	0.4	0.190	
090414-B-007	Overstock, SW corner	Corrugated shipping box	0.65	0.150	
090414-B-008	Overstock, SE corner	Pieces of wood pallet	0.086	0.085	
090414-B-009	TV Land, NE corner	Plastic shipping wrap	1.3	0.190	In warehouse area on east side of facility
090414-B-010	TV Land, SW corner	Styrofoam TV packaging	ND	0.880	In warehouse area on east side of facility
090414-B-011	Pallets Ready to Ship (Outbound), West side, South end	Plastic shipping wrap	3.8	0.320	
090414-B-012	Pallets Ready to Ship (Outbound), West side, South end	DUPLICATE sample of B-011	3.9	0.340	FIELD DUPLICATE (B-011)
090414-B-013	Pallets Ready to Ship (Outbound), East side, South end	Corrugated shipping box	ND	0.200	
090414-B-014	Pallets Ready to Ship (Outbound), East side, Center	Plastic shipping wrap	1.5	0.220	
090414-B-015	Pallets Ready to Ship (Outbound), North side, West end	Green plastic shipping wrap	2.5	0.340	
090414-B-016	Non-Con	Plastic shipping wrap	1.6	0.210	
090414-B-017	Non-Con	Corrugated shipping box	ND	0.110	
090414-B-018	Non-Con	Blue plastic packaging around paddle board	3.6	0.350	

**Bulk Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 (mg/kg)	Detection Limit Aroclor 1260 (mg/kg)	Notes
090414-B-019	Non-Con	Waxy cardboard - TV box	0.15	0.069	
090414-B-020	Recall Staging	Corrugated shipping box	0.35	0.220	
090414-B-021	Recall Staging	Waxy cardboard - TV box	0.29	0.091	
090414-B-022	Recall Staging	Bluetooth car speakerphone - plastic wrap around package (would go to consumer)	4.5	0.340	
090414-B-023	Recall Staging	Glossy box - in-window air conditioner box	0.23	0.070	
090414-B-024	Non-Con Recall	Black plastic bag covering boxes	9.5	0.590	
090414-B-025	Non-Con Recall	Corrugated shipping box	1.9	0.220	
090414-B-026	Non-Con Recall	Corrugated shipping box	0.36	0.120	
090414-B-027	Non-Con Recall	Cardboard paper sheets labeled "slip sheets"	0.27	0.085	
090514-B-028	NW corner of building near Bailer	Cardboard around video game in a box labeled "trash"	ND	0.088	
090514-B-029	NW corner of building near Bailer	DUPLICATE sample of B-028	ND	0.170	
090414-B-084	Module 6, South end	Polystyrene clam shell, GPS unit	ND	0.110	Module 6 located on west side of the 6 -Module area
090414-B-085	Module 6, North end	Cardboard box, toilet seat	ND	0.180	
090414-B-086	Module 5, North end	Cardboard, hair clipper	ND	0.160	
090414-B-087	Module 5, South end	Polyethylene overwrap, book & DVD set	3.9	0.610	
090414-B-088	Module 4, South end	Polyethylene overwrap, wire rack cart	5.3	0.600	
090414-B-089	Module 4, North end	Carboard box, baby monitor	0.19	0.092	
090414-B-090	Module 3, North end	Cardboard box, air mattress	ND	0.091	
090414-B-091	Module 3, South end	Cardboard box, auto seat cover	0.26	0.100	
090414-B-092	Module 2, South end	Polyethylene wrap, air filter	27	4.5	
090414-B-093	Module 2, North end	Cardboard box, computer networking device	ND	0.071	
090414-B-094	Module 1, North end	Cardboard box, docking station	ND	0.081	Module 1 located on east side of the 6 -Module area
090414-B-095	Module 1, East side	Paperboard on recording disc jewel case	ND	0.150	

3333 North Franklin Road  
Indianapolis, Indiana

**Bulk Samples - Stored Merchandise**

Sample Number	Sample Location	Item Sampled	Analytical Result Aroclor 1260 (mg/kg)	Detection Limit Aroclor 1260 (mg/kg)	Notes
090514-B-030	Bulk Media Blank	MEDIA BLANK clean gauze	ND	0.190	MEDIA BLANK

**Appendix B**  
**Laboratory Analyses**



**ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

### Case Narrative

**Analysis:** 8082 for Aroclors

**Preparation SOP #:** OE-SW-3550

**Analysis SOP #:** OP-SW-8082

**W/O:** 1424801

**HBN:** 134335, 134334, 134371, 134390, 134394

**Client:** Environ Corporation

**Matrix:** Wipe

**General Set Information:** The field samples were received and batched for analysis.

**Method Summary:** Method 8082 was used to determine the concentrations of various Aroclors using dual capillary columns with electron capture detectors.

**Sample Preparation:** Each wipe was extracted with 10 ml hexane.

**Holding Times:** Holding time requirements were met for both sample preparation and analysis.

**Dilutions:** Samples 1424801056 (100x) and 1424801057 (100x) were reported from dilutions to get aroclor 1260 within calibration range.

### Method and Sample QC data:

*Method Blank(s):* Method analytes were not detected in the method blank at levels above 1/2 lower reporting limit.

*Surrogates:* All surrogate recoveries were within established limits.

*Laboratory Control Samples:* All recoveries were within established limits.

*Matrix Spike and Matrix Spike Duplicate:* MS and MSD were not required.

### Instrument QC:

*Initial Calibration Verification:* All initial calibration verification standards passed the percent difference criteria described in 8000B (rev. 1, Dec 1996).

*Continuing Calibration Verification:* All continuing calibration verification standards passed the percent difference criteria described in 8000B (rev. 1, Dec 1996)

**NC/CAR:** None.



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Environmental Division

**Case Narrative**

**Sample Calculation:** The Aroclors concentrations were determined by using average calibration factors and peak area. Surrogate concentrations were determined by interpolations from 2nd order regressions of standard responses (peak area) vs. concentrations. Final concentrations in ug/Wipe from the equation:

$$C_s = \frac{C_e \cdot V_e \cdot DF}{V_s}$$

where

- C<sub>s</sub> = Analyte concentration in sample (ug/Wipe)  
C<sub>e</sub> = Analyte concentration in extract (ug/mL)  
V<sub>e</sub> = Final volume of extract (mL)  
DF = Dilution Factor  
V<sub>s</sub> = Wipe sample.

**Miscellaneous Comments:** None.



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Jessica Helland, Chemist, 09/09/2014



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-001</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801001	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-002</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801002	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-003</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801003	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-004</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801004	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-005</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801005	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.51</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.51</b>	0.10	1

Sample ID: <b>090414-W-006</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801006	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-007</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801007	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-008</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801008	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.49</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.49</b>	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-009</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801009	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-010</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801010	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-011</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801011	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-012</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801012	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-013</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801013	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.15</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.15</b>	0.10	1

Sample ID: <b>090414-W-014</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801014	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-015</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801015	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.45</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.45</b>	0.10	1

Sample ID: <b>090414-W-016</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801016	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-017</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801017	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.26</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.26</b>	0.10	1

Sample ID: <b>090414-W-018</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801018	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-019</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801019	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19839 (HBN: 134218) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5227 (HBN: 134335) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-020</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801020	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-021</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801021	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-022</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801022	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-023</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801023	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-024</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801024	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-025</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801025	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-026</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801026	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-027</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801027	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-028</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801028	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



# ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

## Analytical Results

Sample ID: <b>090414-W-029</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801029	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

Preparation: EPA 3550, Sonic Ext, Wipe	<u>Weight/Volume</u>	Analysis: SW 8082, Wipe	Instrument ID: GCE03
Batch: ENVX/19840 (HBN: 134228)	Initial: 1 wipe	Batch: EGC/5226 (HBN: 134334)	Percent Solid: NA
Prepared: 09/05/2014	Final: 10 mL	Analyzed: 09/07/2014 00:00	Report Basis: Wet

Analyte	ug/sample	RL (ug/sample)	Dilution	Qual.
Aroclor 1016	ND	0.10	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	
Total PCBs	ND	0.10	1	

Sample ID: <b>090414-W-030</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801030	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

Preparation: EPA 3550, Sonic Ext, Wipe	<u>Weight/Volume</u>	Analysis: SW 8082, Wipe	Instrument ID: GCE03
Batch: ENVX/19840 (HBN: 134228)	Initial: 1 wipe	Batch: EGC/5226 (HBN: 134334)	Percent Solid: NA
Prepared: 09/05/2014	Final: 10 mL	Analyzed: 09/07/2014 00:00	Report Basis: Wet

Analyte	ug/sample	RL (ug/sample)	Dilution	Qual.
Aroclor 1016	ND	0.10	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	
Total PCBs	ND	0.10	1	



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-031</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801031	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-032</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801032	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-033</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801033	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-034</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801034	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-035</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801035	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-036</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801036	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-037</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801037	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-038</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801038	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-039</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801039	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.58</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.58</b>	0.10	1

Sample ID: <b>090414-W-040</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801040	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19840 (HBN: 134228) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5226 (HBN: 134334) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-041</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801041	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-042</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801042	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-043</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801043	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-044</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801044	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-045</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801045	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-046</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801046	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-047</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801047	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-048</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801048	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-049</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801049	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-050</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801050	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-051</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801051	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.33</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.33</b>	0.10	1

Sample ID: <b>090414-W-052</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801052	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
<b>Analysis Method - SW 8082</b>			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
<b>Analyte</b> ug/sample RL (ug/sample) Dilution Qual.			
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-053</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801053	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-054</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801054	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19846 (HBN: 134268) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5229 (HBN: 134371) <b>Analyzed:</b> 09/07/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-055</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801055	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe	<b>Weight/Volume</b>	<b>Analysis:</b> SW 8082, Wipe	<b>Instrument ID:</b> GCE03
<b>Batch:</b> ENVX/19846 (HBN: 134268)	<b>Initial:</b> 1 wipe	<b>Batch:</b> EGC/5229 (HBN: 134371)	<b>Percent Solid:</b> NA
<b>Prepared:</b> 09/05/2014	<b>Final:</b> 10 mL	<b>Analyzed:</b> 09/07/2014 00:00	<b>Report Basis:</b> Wet

Analyte	ug/sample	RL (ug/sample)	Dilution	Qual.
Aroclor 1016	ND	0.10	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	
Total PCBs	ND	0.10	1	



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-083</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801069	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-084</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801070	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-085</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801071	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-086</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801072	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-087</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801073	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-088</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801074	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-089</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801075	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-090</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801076	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-091</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801077	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-092</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801078	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-093</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801079	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-094</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801080	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19847 (HBN: 134270) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5231 (HBN: 134390) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	<b>0.20</b>	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	<b>0.20</b>	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-095</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801081	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-096</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801082	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Analytical Results

Sample ID: <b>090414-W-097</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801083	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

#### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-098</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801084	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1



# ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

## Analytical Results

Sample ID: <b>090414-W-099</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014
Lab ID: 1424801085	Media: Wipe	Received: 09/05/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

Sample ID: <b>090414-W-100</b>	Sampling Site: Indianapolis, IN	Collected: 09/04/2014	
Lab ID: 1424801086	Media: Wipe	Received: 09/05/2014	
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>		
Analysis Method - SW 8082			
<b>Preparation:</b> EPA 3550, Sonic Ext, Wipe <b>Batch:</b> ENVX/19848 (HBN: 134271) <b>Prepared:</b> 09/05/2014	<b>Weight/Volume</b> <b>Initial:</b> 1 wipe <b>Final:</b> 10 mL	<b>Analysis:</b> SW 8082, Wipe <b>Batch:</b> EGC/5232 (HBN: 134394) <b>Analyzed:</b> 09/08/2014 00:00	<b>Instrument ID:</b> GCE03 <b>Percent Solid:</b> NA <b>Report Basis:</b> Wet
Analyte	ug/sample	RL (ug/sample)	Dilution
Aroclor 1016	ND	0.10	1
Aroclor 1260	ND	0.10	1
Aroclor 1221	ND	0.20	1
Aroclor 1232	ND	0.10	1
Aroclor 1242	ND	0.10	1
Aroclor 1248	ND	0.10	1
Aroclor 1254	ND	0.10	1
Aroclor 1268	ND	0.10	1
Aroclor 1262	ND	0.10	1
Total PCBs	ND	0.10	1

## Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method	Analyst	Peer Review
SW 8082	/S/ Jessica Helland 09/09/2014 09:09	/S/ Mila V. Potekhin 09/09/2014 10:09



## ANALYTICAL REPORT

**Workorder:** **34-1424801**  
**Client:** Environ Corporation  
**Project Manager:** Paul E. Pope

### Laboratory Contact Information

ALS Environmental  
960 W Levoy Drive  
Salt Lake City, Utah 84123

Phone: (801) 266-7700  
Email: alsit.lab@ALSGlobal.com  
Web: www.alssl.com

### General Lab Comments

The results provided in this report relate only to the items tested.  
Samples were received in acceptable condition unless otherwise noted.  
Samples have not been blank corrected unless otherwise noted.  
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ACCLASS (DoD ELAP)	ADE-1420	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>
	Utah (NELAC)	DATA1	<a href="http://health.utah.gov/lab/labimp/">http://health.utah.gov/lab/labimp/</a>
	Nevada	UT00009	<a href="http://ndep.nv.gov/bsdw/labservice.htm">http://ndep.nv.gov/bsdw/labservice.htm</a>
	Oklahoma	UT00009	<a href="http://www.deq.state.ok.us/CSDnew/">http://www.deq.state.ok.us/CSDnew/</a>
	Iowa	IA# 376	<a href="http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx">http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx</a>
	Florida (TNI)	E871067	<a href="http://www.dep.state.fl.us/labs/bars/sas/qa/">http://www.dep.state.fl.us/labs/bars/sas/qa/</a>
	Texas (TNI)	T104704456-11-1	<a href="http://www.tceq.texas.gov/field/qa/lab_accred_certif.html">http://www.tceq.texas.gov/field/qa/lab_accred_certif.html</a>
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP/ELLAP)	101574	<a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
Lead Testing:			
CPSC	ACCLASS (ISO 17025, CPSC)	ADE-1420	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>
Soil, Dust, Paint ,Air	AIHA (ISO 17025, AIHA ELLAP and NLLAP)	101574	<a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
Dietary Supplements	ACCLASS (ISO 17025)	ADE-1420	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>



## ANALYTICAL REPORT

Workorder: **34-1424801**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

\*\* No result could be reported, see sample comments for details.

### Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19840 (HBN: 134228)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5226 (HBN: 134334)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 409883			
<b>Analyzed:</b> 09/07/2014 00:00			
<b>Units:</b> ug/sample			
<b>Analyte</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 409884						<b>LCSD:</b> 409885					
<b>Analyzed:</b> 09/07/2014 00:00						<b>Analyzed:</b> 09/07/2014 00:00					
<b>Dilution:</b> 1						<b>Dilution:</b> 1					
<b>Units:</b> ug/sample						<b>Units:</b> ug/sample					
<b>Analyte</b>	<b>Result</b>	<b>Target</b>	<b>% Rec</b>	<b>QC Limits</b>		<b>Result</b>	<b>% Rec</b>	<b>RPD</b>	<b>QC Limits</b>		
Aroclor 1221	4.55	5.00	91.0	75.0	125.0	4.40	88.1	3.30	0.0	35.0	
Aroclor 1232	4.77	5.00	95.3	75.0	125.0	4.78	95.6	0.316	0.0	35.0	
Aroclor 1016	5.29	5.00	106	75.0	129.3	5.28	106	0.131	0.0	35.0	
Aroclor 1242	4.93	5.00	98.6	75.0	125.0	4.97	99.5	0.876	0.0	35.0	
Aroclor 1248	5.01	5.00	100	75.0	125.0	4.98	99.5	0.651	0.0	35.0	
Aroclor 1254	5.25	5.00	105	75.0	125.0	5.20	104	1.05	0.0	35.0	
Aroclor 1260	5.09	5.00	102	67.7	129.9	5.03	101	1.24	0.0	35.0	
Aroclor 1262	5.10	5.00	102	75.0	125.0	5.07	101	0.647	0.0	35.0	
Aroclor 1268	6.22	5.00	124	75.0	125.0	6.24	125	0.376	0.0	35.0	

## Surrogate Recoveries

<b>Surrogate</b>	Tetrachloro-m-xylene		
<b>QC Limits</b>	55.8      153.9		
<b>Units</b>	ug/sample		
<b>Lab ID</b>	<b>Result</b>	<b>Target</b>	<b>% Recovery</b>
1424801028	0.517	0.500	103
1424801023	0.526	0.500	105
1424801027	0.530	0.500	106
409885-LCSD	0.549	0.500	110
1424801038	0.520	0.500	104
1424801029	0.523	0.500	105
1424801033	0.521	0.500	104



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1424801

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19840 (HBN: 134228)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5226 (HBN: 134334)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801030	0.530	0.500	106
1424801037	0.523	0.500	105
1424801034	0.526	0.500	105
1424801040	0.542	0.500	108
1424801024	0.517	0.500	104
409884-LCS	0.546	0.500	109
1424801039	0.518	0.500	104
409883-MB	0.536	0.500	107
1424801021	0.521	0.500	104
1424801035	0.520	0.500	104
1424801036	0.515	0.500	103
1424801026	0.519	0.500	104
1424801022	0.523	0.500	105
1424801031	0.505	0.500	101
1424801032	0.524	0.500	105
1424801025	0.517	0.500	103



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19840 (HBN: 134228)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5226 (HBN: 134334)  
**Analyzed By:** Jessica Helland

## QC Data Approved and Reviewed by

Jessica Helland  
Analyst

Mila V. Potekhin  
Peer Review

9/8/2014  
Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19839 (HBN: 134218)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5227 (HBN: 134335)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 409842			
<b>Analyzed:</b> 09/07/2014 00:00			
<b>Units:</b> ug/sample			
Analyte	Result	MDL	RL
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 409843	<b>LCSD:</b> 409844									
<b>Analyzed:</b> 09/07/2014 00:00	<b>Analyzed:</b> 09/07/2014 00:00									
<b>Dilution:</b> 1	<b>Dilution:</b> 1									
<b>Units:</b> ug/sample	<b>Units:</b> ug/sample									
Analyte	Result	Target	% Rec	QC Limits		Result	% Rec	RPD	QC Limits	
Aroclor 1221	4.18	5.00	83.7	75.0	125.0	4.32	86.4	3.19	0.0	35.0
Aroclor 1232	4.59	5.00	91.9	75.0	125.0	4.66	93.3	1.52	0.0	35.0
Aroclor 1016	4.97	5.00	99.5	75.0	129.3	5.18	104	4.00	0.0	35.0
Aroclor 1242	4.72	5.00	94.5	75.0	125.0	4.82	96.4	2.08	0.0	35.0
Aroclor 1248	4.72	5.00	94.4	75.0	125.0	4.86	97.3	3.03	0.0	35.0
Aroclor 1254	4.95	5.00	98.9	75.0	125.0	5.15	103	3.95	0.0	35.0
Aroclor 1260	4.80	5.00	96.0	67.7	129.9	5.05	101	5.04	0.0	35.0
Aroclor 1262	4.90	5.00	97.9	75.0	125.0	5.05	101	3.11	0.0	35.0
Aroclor 1268	6.05	5.00	121	75.0	125.0	5.65	113	6.78	0.0	35.0

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801015	0.527	0.500	105
1424801017	0.532	0.500	106
1424801016	0.529	0.500	106
1424801008	0.532	0.500	106
1424801019	0.524	0.500	105
409842-MB	0.525	0.500	105
1424801006	0.535	0.500	107



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1424801

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19839 (HBN: 134218)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5227 (HBN: 134335)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801005	0.521	0.500	104
409844-LCSD	0.537	0.500	107
1424801003	0.526	0.500	105
1424801014	0.551	0.500	110
1424801012	0.522	0.500	104
1424801018	0.524	0.500	105
1424801009	0.517	0.500	103
1424801011	0.513	0.500	103
409843-LCS	0.535	0.500	107
1424801013	0.504	0.500	101
1424801007	0.518	0.500	104
1424801001	0.521	0.500	104
1424801002	0.527	0.500	105
1424801020	0.521	0.500	104
1424801004	0.517	0.500	103
1424801010	0.522	0.500	105



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19839 (HBN: 134218)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5227 (HBN: 134335)  
**Analyzed By:** Jessica Helland

## QC Data Approved and Reviewed by

Jessica Helland

Analyst

Mila V. Potekhin

Peer Review

9/8/2014

Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19846 (HBN: 134268)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5229 (HBN: 134371)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 409968			
<b>Analyzed:</b> 09/07/2014 00:00			
<b>Units:</b> ug/sample			
<b>Analyte</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 409969						<b>LCSD:</b> 409970					
<b>Analyzed:</b> 09/07/2014 00:00						<b>Analyzed:</b> 09/07/2014 00:00					
<b>Dilution:</b> 1						<b>Dilution:</b> 1					
<b>Units:</b> ug/sample						<b>Units:</b> ug/sample					
<b>Analyte</b>	<b>Result</b>	<b>Target</b>	<b>% Rec</b>	<b>QC Limits</b>		<b>Result</b>	<b>% Rec</b>	<b>RPD</b>	<b>QC Limits</b>		
Aroclor 1221	4.43	5.00	88.7	75.0	125.0	4.40	88.0	0.731	0.0	35.0	
Aroclor 1232	4.59	5.00	91.8	75.0	125.0	4.57	91.4	0.410	0.0	35.0	
Aroclor 1016	5.00	5.00	100	75.0	129.3	4.99	99.7	0.226	0.0	35.0	
Aroclor 1242	4.73	5.00	94.6	75.0	125.0	4.74	94.9	0.304	0.0	35.0	
Aroclor 1248	4.74	5.00	94.8	75.0	125.0	4.69	93.9	0.950	0.0	35.0	
Aroclor 1254	4.86	5.00	97.3	75.0	125.0	4.81	96.3	1.04	0.0	35.0	
Aroclor 1260	4.77	5.00	95.5	67.7	129.9	4.74	94.8	0.683	0.0	35.0	
Aroclor 1262	4.90	5.00	98.0	75.0	125.0	4.74	94.7	3.38	0.0	35.0	
Aroclor 1268	5.78	5.00	116	75.0	125.0	5.80	116	0.221	0.0	35.0	

## Surrogate Recoveries

<b>Surrogate</b>	Tetrachloro-m-xylene		
<b>QC Limits</b>	55.8      153.9		
<b>Units</b>	ug/sample		
<b>Lab ID</b>	<b>Result</b>	<b>Target</b>	<b>% Recovery</b>
1424801059	0.525	0.500	105
1424801048	0.515	0.500	103
1424801046	0.513	0.500	103
1424801058	0.496	0.500	99.1
409970-LCSD	0.530	0.500	106
1424801049	0.517	0.500	103
1424801052	0.522	0.500	104



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1424801

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19846 (HBN: 134268)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5229 (HBN: 134371)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801054	0.523	0.500	105
1424801060	0.524	0.500	105
1424801056	0.499	0.500	99.9
1424801042	0.509	0.500	102
1424801047	0.511	0.500	102
1424801050	0.529	0.500	106
1424801057	0.515	0.500	103
1424801041	0.512	0.500	102
1424801051	0.532	0.500	106
1424801044	0.508	0.500	102
409969-LCS	0.535	0.500	107
1424801055	0.518	0.500	104
1424801043	0.515	0.500	103
1424801053	0.524	0.500	105
1424801045	0.514	0.500	103
409968-MB	0.522	0.500	104



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19846 (HBN: 134268)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5229 (HBN: 134371)  
**Analyzed By:** Jessica Helland

## QC Data Approved and Reviewed by

Jessica Helland  
Analyst

Mila V. Potekhin  
Peer Review

9/8/2014  
Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19847 (HBN: 134270)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5231 (HBN: 134390)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 409974			
<b>Analyzed:</b> 09/08/2014 00:00			
<b>Units:</b> ug/sample			
<b>Analyte</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 409975						<b>LCSD:</b> 409976					
<b>Analyzed:</b> 09/08/2014 00:00						<b>Analyzed:</b> 09/08/2014 00:00					
<b>Dilution:</b> 1						<b>Dilution:</b> 1					
<b>Units:</b> ug/sample						<b>Units:</b> ug/sample					
<b>Analyte</b>	<b>Result</b>	<b>Target</b>	<b>% Rec</b>	<b>QC Limits</b>		<b>Result</b>	<b>% Rec</b>	<b>RPD</b>	<b>QC Limits</b>		
Aroclor 1221	4.51	5.00	90.2	75.0	125.0	4.54	90.7	0.524	0.0	35.0	
Aroclor 1232	4.37	5.00	87.5	75.0	125.0	4.43	88.5	1.17	0.0	35.0	
Aroclor 1016	4.95	5.00	99.0	75.0	129.3	4.96	99.3	0.272	0.0	35.0	
Aroclor 1242	4.73	5.00	94.6	75.0	125.0	4.83	96.6	2.06	0.0	35.0	
Aroclor 1248	4.59	5.00	91.8	75.0	125.0	4.64	92.7	0.997	0.0	35.0	
Aroclor 1254	4.49	5.00	89.7	75.0	125.0	4.57	91.4	1.84	0.0	35.0	
Aroclor 1260	4.51	5.00	90.1	67.7	129.9	4.63	92.6	2.67	0.0	35.0	
Aroclor 1262	4.29	5.00	85.8	75.0	125.0	4.42	88.4	2.96	0.0	35.0	
Aroclor 1268	4.87	5.00	97.3	75.0	125.0	5.01	100	2.82	0.0	35.0	

## Surrogate Recoveries

<b>Surrogate</b>	Tetrachloro-m-xylene		
<b>QC Limits</b>	55.8      153.9		
<b>Units</b>	ug/sample		
<b>Lab ID</b>	<b>Result</b>	<b>Target</b>	<b>% Recovery</b>
1424801069	0.524	0.500	105
1424801064	0.535	0.500	107
1424801065	0.528	0.500	106
1424801066	0.511	0.500	102
1424801068	0.508	0.500	102
1424801075	0.514	0.500	103
409975-LCS	0.537	0.500	107



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1424801

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19847 (HBN: 134270)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5231 (HBN: 134390)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801079	0.527	0.500	105
1424801061	0.503	0.500	101
1424801063	0.531	0.500	106
1424801078	0.529	0.500	106
1424801071	0.516	0.500	103
409974-MB	0.530	0.500	106
1424801074	0.527	0.500	105
1424801062	0.524	0.500	105
1424801076	0.513	0.500	103
1424801080	0.504	0.500	101
1424801070	0.498	0.500	99.7
1424801073	0.503	0.500	101
409976-LCSD	0.543	0.500	109
1424801072	0.510	0.500	102
1424801077	0.506	0.500	101
1424801067	0.517	0.500	103



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19847 (HBN: 134270)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5231 (HBN: 134390)  
**Analyzed By:** Jessica Helland

## QC Data Approved and Reviewed by

Jessica Helland  
Analyst

Mila V. Potekhin  
Peer Review

9/9/2014  
Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19848 (HBN: 134271)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5232 (HBN: 134394)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 409977			
<b>Analyzed:</b> 09/08/2014 00:00			
<b>Units:</b> ug/sample			
<b>Analyte</b>	<b>Result</b>	<b>MDL</b>	<b>RL</b>
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 409978						<b>LCSD:</b> 409979					
<b>Analyzed:</b> 09/08/2014 00:00						<b>Analyzed:</b> 09/08/2014 00:00					
<b>Dilution:</b> 1						<b>Dilution:</b> 1					
<b>Units:</b> ug/sample						<b>Units:</b> ug/sample					
<b>Analyte</b>	<b>Result</b>	<b>Target</b>	<b>% Rec</b>	<b>QC Limits</b>		<b>Result</b>	<b>% Rec</b>	<b>RPD</b>	<b>QC Limits</b>		
Aroclor 1221	4.68	5.00	93.6	75.0	125.0	4.65	93.0	0.624	0.0	35.0	
Aroclor 1232	4.36	5.00	87.2	75.0	125.0	4.32	86.3	1.05	0.0	35.0	
Aroclor 1016	4.84	5.00	96.8	75.0	129.3	4.78	95.7	1.17	0.0	35.0	
Aroclor 1242	4.74	5.00	94.8	75.0	125.0	4.74	94.7	0.0865	0.0	35.0	
Aroclor 1248	4.63	5.00	92.6	75.0	125.0	4.60	92.0	0.563	0.0	35.0	
Aroclor 1254	4.55	5.00	91.1	75.0	125.0	4.51	90.3	0.849	0.0	35.0	
Aroclor 1260	4.58	5.00	91.6	67.7	129.9	4.53	90.6	1.12	0.0	35.0	
Aroclor 1262	4.51	5.00	90.3	75.0	125.0	4.42	88.5	2.02	0.0	35.0	
Aroclor 1268	5.15	5.00	103	75.0	125.0	5.18	104	0.614	0.0	35.0	

## Surrogate Recoveries

<b>Surrogate</b>	Tetrachloro-m-xylene		
<b>QC Limits</b>	55.8      153.9		
<b>Units</b>	ug/sample		
<b>Lab ID</b>	<b>Result</b>	<b>Target</b>	<b>% Recovery</b>
1424801085	0.531	0.500	106
409978-LCS	0.541	0.500	108
1424801082	0.526	0.500	105
1424801084	0.521	0.500	104
1424801081	0.518	0.500	104
1424801086	0.516	0.500	103
409977-MB	0.535	0.500	107



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1424801

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19848 (HBN: 134271)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5232 (HBN: 134394)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1424801083	0.506	0.500	101
409979-LCSD	0.544	0.500	109



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1424801

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19848 (HBN: 134271)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5232 (HBN: 134394)  
**Analyzed By:** Jessica Helland

## QC Data Approved and Reviewed by

Jessica Helland  
Analyst

Mila V. Potekhin  
Peer Review

9/9/2014  
Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable



**ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

### Case Narrative

**Analysis:** 8082 for Aroclors

**Preparation SOP #:** OE-SW-3550

**Analysis SOP #:** OP-SW-8082

**W/O:** 1425222

**HBN:** 134548

**General Set Information:** The field samples were received and batched for analysis.

**Method Summary:** Method 8082 was used to determine the concentrations of various Aroclors using dual capillary columns with electron capture detectors.

**Sample Preparation:** Each wipe was extracted with 10 ml hexane.

**Holding Times:** Holding time requirements were met for both sample preparation and analysis.

**Dilutions:** no dilutions were required.

#### **Method and Sample QC data:**

*Method Blank(s):* Method analytes were not detected in the method blank at levels above 1/2 lower reporting limit.

*Surrogates:* All surrogate recoveries were within established limits.

*Laboratory Control Samples:* Aroclor 1232 failed low on both the LCS and LCSD. NC/CAR 0836 was initiated.

*Matrix Spike and Matrix Spike Duplicate:* MS and MSD were not required.

#### **Instrument QC:**

*Initial Calibration Verification:* All initial calibration verification standards passed the percent difference criteria described in 8000B (rev. 1, Dec 1996).

*Continuing Calibration Verification:* All continuing calibration verification standards passed the percent difference criteria described in 8000B (rev. 1, Dec 1996)

**NC/CAR:** 0836



**ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

### Case Narrative

**Sample Calculation:** The Aroclors concentrations were determined by using average calibration factors and peak area. Surrogate concentrations were determined by

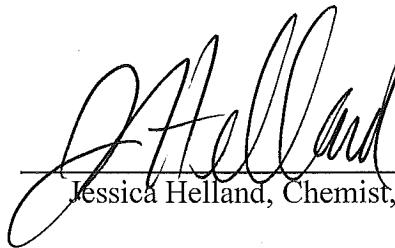
- ↳ interpolations from 2nd order regressions of standard responses (peak area) vs. concentrations. Final concentrations in ug/Wipe from the equation:

$$C_s = \frac{C_e \cdot V_e \cdot DF}{V_s}$$

where

$C_s$	=	Analyte concentration in sample (ug/Wipe)
$C_e$	=	Analyte concentration in extract (ug/mL)
$V_e$	=	Final volume of extract (mL)
$DF$	=	Dilution Factor
$V_s$	=	Wipe sample.

**Miscellaneous Comments:** None.



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Jessica Helland, Chemist, 09/10/2014



# ANALYTICAL REPORT

Workorder: **34-1425222**

Client: Environ Corporation

Project Manager: Paul E. Pope

## Analytical Results

Sample ID: <b>090514-W-069</b>	Sampling Site: Indianapolis, IN	Collected: 09/05/2014
Lab ID: 1425222015	Media: Wipe	Received: 09/06/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

Preparation: EPA 3550, Sonic Ext, Wipe	<u>Weight/Volume</u>	Analysis: SW 8082, Wipe	Instrument ID: GCE30
Batch: ENVX/19866 (HBN: 134426)	Initial: 1 wipe	Batch: EGC/5239 (HBN: 134548)	Percent Solid: NA
Prepared: 09/09/2014	Final: 10 mL	Analyzed: 09/09/2014 00:00	Report Basis: Wet

Analyte	ug/sample	RL (ug/sample)	Dilution	Qual.
Aroclor 1016	ND	0.10	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	
Total PCBs	ND	0.10	1	

Sample ID: <b>090514-W-070</b>	Sampling Site: Indianapolis, IN	Collected: 09/05/2014
Lab ID: 1425222016	Media: Wipe	Received: 09/06/2014
Matrix: Wipe	Sampling Parameter: Volume 100 cm <sup>2</sup>	

### Analysis Method - SW 8082

Preparation: EPA 3550, Sonic Ext, Wipe	<u>Weight/Volume</u>	Analysis: SW 8082, Wipe	Instrument ID: GCE30
Batch: ENVX/19866 (HBN: 134426)	Initial: 1 wipe	Batch: EGC/5239 (HBN: 134548)	Percent Solid: NA
Prepared: 09/09/2014	Final: 10 mL	Analyzed: 09/09/2014 00:00	Report Basis: Wet

Analyte	ug/sample	RL (ug/sample)	Dilution	Qual.
Aroclor 1016	ND	0.10	1	
Aroclor 1260	ND	0.10	1	
Aroclor 1221	ND	0.20	1	
Aroclor 1232	ND	0.10	1	
Aroclor 1242	ND	0.10	1	
Aroclor 1248	ND	0.10	1	
Aroclor 1254	ND	0.10	1	
Aroclor 1268	ND	0.10	1	
Aroclor 1262	ND	0.10	1	
Total PCBs	ND	0.10	1	

## Comments

### Quality Control: SW 8082 - (HBN: 134548)

Aroclor 1232 fails low in both the LCS and LCSD. (72.6 and 74.1 respectively) The lower limit is 75. All instrument QC passes. Samples are wipes and cannot be re-extracted. NC/CAR 836 was initiated.



# ANALYTICAL REPORT

Workorder: **34-1425222**  
Client: Environ Corporation  
Project Manager: Paul E. Pope

**Report Authorization** (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method	Analyst	Peer Review
<b>SW 8082</b>	/S/ Jessica Helland 09/10/2014 12:09	/S/ Mila V. Potekhin 09/10/2014 14:09

## Laboratory Contact Information

ALS Environmental  
960 W Levoy Drive  
Salt Lake City, Utah 84123

Phone: (801) 266-7700  
Email: alsit.lab@ALSGlobal.com  
Web: www.alsslccom

## General Lab Comments

The results provided in this report relate only to the items tested.  
Samples were received in acceptable condition unless otherwise noted.  
Samples have not been blank corrected unless otherwise noted.  
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	ACCLASS (DoD ELAP) Utah (NELAC) Nevada Oklahoma Iowa Florida (TNI) Texas (TNI)	ADE-1420 DATA1 UT00009 UT00009 IA# 376 E871067 T104704456-11-1	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a> <a href="http://health.utah.gov/lab/labimp/">http://health.utah.gov/lab/labimp/</a> <a href="http://ndep.nv.gov/bsdw/labservice.htm">http://ndep.nv.gov/bsdw/labservice.htm</a> <a href="http://www.deq.state.ok.us/CSDnew/">http://www.deq.state.ok.us/CSDnew/</a> <a href="http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx">http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx</a> <a href="http://www.dep.state.fl.us/labs/bars/sas/qa/">http://www.dep.state.fl.us/labs/bars/sas/qa/</a> <a href="http://www.tceq.texas.gov/field/qa/lab_accred_certif.html">http://www.tceq.texas.gov/field/qa/lab_accred_certif.html</a>
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP/ELLAP)	101574	<a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
Lead Testing: CPSC Soil, Dust, Paint ,Air	ACCLASS (ISO 17025, CPSC) AIHA (ISO 17025, AIHA ELLAP and NLLAP)	ADE-1420 101574	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a> <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
Dietary Supplements	ACCLASS (ISO 17025)	ADE-1420	<a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>



## ANALYTICAL REPORT

Workorder: **34-1425222**

Client: Environ Corporation

Project Manager: Paul E. Pope

### Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

\*\* No result could be reported, see sample comments for details.

### Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1425222

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19866 (HBN: 134426)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5239 (HBN: 134548)  
**Analyzed By:** Jessica Helland

## Blank

<b>MB:</b> 410435			
<b>Analyzed:</b> 09/09/2014 00:00			
<b>Units:</b> ug/sample			
Analyte	Result	MDL	RL
Aroclor 1016	ND	0.0252	0.100
Aroclor 1260	ND	0.0224	0.100
Aroclor 1221	ND	0.0304	0.200
Aroclor 1232	ND	0.0129	0.100
Aroclor 1242	ND	0.00612	0.100
Aroclor 1248	ND	0.0157	0.100
Aroclor 1254	ND	0.0113	0.100
Aroclor 1268	ND	NA	0.100
Aroclor 1262	ND	NA	0.100

## Laboratory Control Sample - Laboratory Control Sample Duplicate

<b>LCS:</b> 410436						<b>LCSD:</b> 410437					
<b>Analyzed:</b> 09/09/2014 00:00						<b>Analyzed:</b> 09/09/2014 00:00					
<b>Dilution:</b> 1						<b>Dilution:</b> 1					
<b>Units:</b> ug/sample						<b>Units:</b> ug/sample					
Analyte	Result	Target	% Rec	QC Limits		Result	% Rec	RPD	QC Limits		
Aroclor 1221	4.09	5.00	81.8	75.0	125.0	4.11	82.2	0.417	0.0	35.0	
Aroclor 1232	3.63	5.00	* 72.6	75.0	125.0	3.71	* 74.1	2.10	0.0	35.0	
Aroclor 1016	3.96	5.00	79.1	75.0	129.3	3.98	79.5	0.522	0.0	35.0	
Aroclor 1242	4.03	5.00	80.5	75.0	125.0	4.03	80.6	0.0497	0.0	35.0	
Aroclor 1248	4.12	5.00	82.5	75.0	125.0	4.15	83.0	0.595	0.0	35.0	
Aroclor 1254	3.88	5.00	77.7	75.0	125.0	3.90	78.0	0.444	0.0	35.0	
Aroclor 1260	4.02	5.00	80.4	67.7	129.9	4.04	80.8	0.511	0.0	35.0	
Aroclor 1262	4.35	5.00	87.1	75.0	125.0	4.38	87.7	0.707	0.0	35.0	
Aroclor 1268	4.66	5.00	93.2	75.0	125.0	4.72	94.4	1.19	0.0	35.0	

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1425222005	0.520	0.500	104
1425222009	0.505	0.500	101
410437-LCSD	0.430	0.500	86.1
1425222008	0.526	0.500	105
1425222004	0.452	0.500	90.5
410436-LCS	0.426	0.500	85.1
1425222013	0.553	0.500	111



# Quality Control Sample Batch Report

## Analysis Information

Workorder: 1425222

Limits: Historical/Performance  
Basis: ALS Laboratory Group

Preparation: EPA 3550, Sonic Ext, Wipe  
Batch: ENVX/19866 (HBN: 134426)  
Prepared By: Joseph Gress

Analysis: SW 8082  
Batch: EGC/5239 (HBN: 134548)  
Analyzed By: Jessica Helland

## Surrogate Recoveries

Surrogate	Tetrachloro-m-xylene		
QC Limits	55.8	153.9	
Units	ug/sample		
Lab ID	Result	Target	% Recovery
1425222007	0.509	0.500	102
1425222001	0.430	0.500	86.1
1425222002	0.429	0.500	85.8
410435-MB	0.435	0.500	87.0
1425222011	0.567	0.500	113
1425222015	0.526	0.500	105
1425222003	0.426	0.500	85.2
1425222016	0.552	0.500	110
1425222014	0.560	0.500	112
1425222006	0.466	0.500	93.1
1425222010	0.507	0.500	101
1425222012	0.550	0.500	110



# Quality Control Sample Batch Report

## Analysis Information

**Workorder:** 1425222

**Limits:** Historical/Performance  
**Basis:** ALS Laboratory Group

**Preparation:** EPA 3550, Sonic Ext, Wipe  
**Batch:** ENVX/19866 (HBN: 134426)  
**Prepared By:** Joseph Gress

**Analysis:** SW 8082  
**Batch:** EGC/5239 (HBN: 134548)  
**Analyzed By:** Jessica Helland

## Comments

Aroclor 1232 fails low in both the LCS and LCSD. (72.6 and 74.1 respectively) The lower limit is 75. All instrument QC passes. Samples are wipes and cannot be re-extracted. NC/CAR 836 was initiated.

## QC Data Approved and Reviewed by

Jessica Helland

Analyst

Mila V. Potekhin

Peer Review

9/10/2014

Date

## Symbols and Definitions

- \* - Analyte above reporting limit or outside of control limits
- ▲ - Sample result is greater than 4 times the spike added
- - Sample and Matrix Duplicate less than 5 times the reporting limit

RPD - Relative % Difference (Spike / Spike Duplicate)  
ND - Not Detected (U - Qualifier also flags analyte as not detected)  
NA - Not Applicable  
QC results are not adjusted for moisture correction, where applicable

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis, IN  
**WorkOrder:** 1409287

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
µg/Kg	Micrograms per Kilogram

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis, IN  
**WorkOrder:** 1409283

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
µg/Kg	Micrograms per Kilogram

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-001**Collection Date:** 9/4/2014 10:20 AM**Work Order:** 1409283**Lab ID:** 1409283-01**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U	99	µg/Kg	1	Prep: SW3550 / 9/8/14	Analyst: <b>JG</b> 9/9/2014 09:06 PM
Aroclor 1221	U	99	µg/Kg	1		
Aroclor 1232	U	99	µg/Kg	1		
Aroclor 1242	U	99	µg/Kg	1		
Aroclor 1248	U	99	µg/Kg	1		
Aroclor 1254	U	99	µg/Kg	1		
Aroclor 1260	<b>470</b>	99	µg/Kg	1		
Aroclor 1262	U	99	µg/Kg	1		
Aroclor 1268	U	99	µg/Kg	1		
<b>PCBs, Total</b>	<b>470</b>		µg/Kg	1		
Surr: Decachlorobiphenyl	99.5	40-140	%REC	1		
Surr: Tetrachloro-m-xylene	102	45-124	%REC	1		

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-002**Collection Date:** 9/4/2014 10:25 AM**Work Order:** 1409283**Lab ID:** 1409283-02**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1221	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1232	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1242	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1248	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1254	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1260	1,100		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1262	U		170	µg/Kg	1	9/9/2014 09:22 PM
Aroclor 1268	U		170	µg/Kg	1	9/9/2014 09:22 PM
PCBs, Total	1,100			µg/Kg	1	9/9/2014 09:22 PM
Surr: Decachlorobiphenyl	100		40-140	%REC	1	9/9/2014 09:22 PM
Surr: Tetrachloro-m-xylene	98.3		45-124	%REC	1	9/9/2014 09:22 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-003**Collection Date:** 9/4/2014 10:50 AM**Work Order:** 1409283**Lab ID:** 1409283-03**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1221	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1232	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1242	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1248	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1254	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1260	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1262	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
Aroclor 1268	U		<b>57</b>	µg/Kg	1	9/9/2014 09:39 PM
<b>PCBs, Total</b>	U			µg/Kg	1	9/9/2014 09:39 PM
Surr: Decachlorobiphenyl	101		40-140	%REC	1	9/9/2014 09:39 PM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/9/2014 09:39 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-004**Collection Date:** 9/4/2014 11:05 AM**Work Order:** 1409283**Lab ID:** 1409283-04**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1221	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1232	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1242	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1248	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1254	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1260	140		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1262	U		70	µg/Kg	1	9/9/2014 09:56 PM
Aroclor 1268	U		70	µg/Kg	1	9/9/2014 09:56 PM
PCBs, Total	140			µg/Kg	1	9/9/2014 09:56 PM
Surr: Decachlorobiphenyl	103		40-140	%REC	1	9/9/2014 09:56 PM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/9/2014 09:56 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-005**Collection Date:** 9/4/2014 11:15 AM**Work Order:** 1409283**Lab ID:** 1409283-05**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1221	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1232	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1242	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1248	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1254	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1260	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1262	U		140	µg/Kg	1	9/9/2014 10:13 PM
Aroclor 1268	U		140	µg/Kg	1	9/9/2014 10:13 PM
<b>PCBs, Total</b>	U			µg/Kg	1	9/9/2014 10:13 PM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	9/9/2014 10:13 PM
Surr: Tetrachloro-m-xylene	106		45-124	%REC	1	9/9/2014 10:13 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-006**Collection Date:** 9/4/2014 11:17 AM**Work Order:** 1409283**Lab ID:** 1409283-06**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1221	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1232	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1242	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1248	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1254	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1260	400		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1262	U		190	µg/Kg	1	9/9/2014 10:29 PM
Aroclor 1268	U		190	µg/Kg	1	9/9/2014 10:29 PM
PCBs, Total	400			µg/Kg	1	9/9/2014 10:29 PM
Surr: Decachlorobiphenyl	102		40-140	%REC	1	9/9/2014 10:29 PM
Surr: Tetrachloro-m-xylene	111		45-124	%REC	1	9/9/2014 10:29 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-007**Collection Date:** 9/4/2014 11:30 AM**Work Order:** 1409283**Lab ID:** 1409283-07**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1221	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1232	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1242	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1248	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1254	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1260	650		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1262	U		150	µg/Kg	1	9/9/2014 10:46 PM
Aroclor 1268	U		150	µg/Kg	1	9/9/2014 10:46 PM
PCBs, Total	650			µg/Kg	1	9/9/2014 10:46 PM
Surr: Decachlorobiphenyl	102		40-140	%REC	1	9/9/2014 10:46 PM
Surr: Tetrachloro-m-xylene	107		45-124	%REC	1	9/9/2014 10:46 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-008**Collection Date:** 9/4/2014 11:35 AM**Work Order:** 1409283**Lab ID:** 1409283-08**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1221	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1232	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1242	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1248	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1254	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1260	86	J	95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1262	U		95	µg/Kg	1	9/9/2014 11:03 PM
Aroclor 1268	U		95	µg/Kg	1	9/9/2014 11:03 PM
PCBs, Total	86			µg/Kg	1	9/9/2014 11:03 PM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	9/9/2014 11:03 PM
Surr: Tetrachloro-m-xylene	108		45-124	%REC	1	9/9/2014 11:03 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-009**Collection Date:** 9/4/2014 12:00 PM**Work Order:** 1409283**Lab ID:** 1409283-09**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1221	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1232	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1242	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1248	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1254	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1260	1,300		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1262	U		190	µg/Kg	1	9/9/2014 11:36 PM
Aroclor 1268	U		190	µg/Kg	1	9/9/2014 11:36 PM
<b>PCBs, Total</b>	<b>1,300</b>			<b>µg/Kg</b>	<b>1</b>	<b>9/9/2014 11:36 PM</b>
Surr: Decachlorobiphenyl	100		40-140	%REC	1	9/9/2014 11:36 PM
Surr: Tetrachloro-m-xylene	102		45-124	%REC	1	9/9/2014 11:36 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-010**Collection Date:** 9/4/2014 12:05 PM**Work Order:** 1409283**Lab ID:** 1409283-10**Matrix:** SOLID

<b>Analyses</b>	<b>Result</b>	<b>Qual</b>	<b>Report Limit</b>	<b>Units</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
<b>PCBS</b>			<b>SW8082</b>		Prep: SW3550 / 9/8/14	Analyst: <b>JG</b>
Aroclor 1016	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1221	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1232	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1242	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1248	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1254	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1260	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1262	U		880	µg/Kg	1	9/9/2014 11:53 PM
Aroclor 1268	U		880	µg/Kg	1	9/9/2014 11:53 PM
<b>PCBs, Total</b>				µg/Kg	1	9/9/2014 11:53 PM
Surr: Decachlorobiphenyl	98.3		40-140	%REC	1	9/9/2014 11:53 PM
Surr: Tetrachloro-m-xylene	107		45-124	%REC	1	9/9/2014 11:53 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-011**Collection Date:** 9/4/2014 03:20 PM**Work Order:** 1409283**Lab ID:** 1409283-11**Matrix:** SOLID

<b>Analyses</b>	<b>Result</b>	<b>Qual</b>	<b>Report Limit</b>	<b>Units</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
<b>PCBS</b>			<b>SW8082</b>		Prep: SW3550 / 9/8/14	Analyst: <b>JG</b>
Aroclor 1016	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1221	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1232	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1242	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1248	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1254	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1260	3,800		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1262	U		320	µg/Kg	1	9/10/2014 12:10 AM
Aroclor 1268	U		320	µg/Kg	1	9/10/2014 12:10 AM
<b>PCBs, Total</b>	<b>3,800</b>			<b>µg/Kg</b>	1	9/10/2014 12:10 AM
Surr: Decachlorobiphenyl	102		40-140	%REC	1	9/10/2014 12:10 AM
Surr: Tetrachloro-m-xylene	108		45-124	%REC	1	9/10/2014 12:10 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-012**Collection Date:** 9/4/2014 03:25 PM**Work Order:** 1409283**Lab ID:** 1409283-12**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1221	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1232	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1242	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1248	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1254	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1260	3,900		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1262	U		340	µg/Kg	1	9/10/2014 12:26 AM
Aroclor 1268	U		340	µg/Kg	1	9/10/2014 12:26 AM
PCBs, Total	3,900			µg/Kg	1	9/10/2014 12:26 AM
Surr: Decachlorobiphenyl	103		40-140	%REC	1	9/10/2014 12:26 AM
Surr: Tetrachloro-m-xylene	107		45-124	%REC	1	9/10/2014 12:26 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-013**Collection Date:** 9/4/2014 03:30 PM**Work Order:** 1409283**Lab ID:** 1409283-13**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1221	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1232	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1242	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1248	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1254	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1260	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1262	U		200	µg/Kg	1	9/10/2014 12:43 AM
Aroclor 1268	U		200	µg/Kg	1	9/10/2014 12:43 AM
PCBs, Total	U			µg/Kg	1	9/10/2014 12:43 AM
Surr: Decachlorobiphenyl	101		40-140	%REC	1	9/10/2014 12:43 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/10/2014 12:43 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-014**Collection Date:** 9/4/2014 03:40 PM**Work Order:** 1409283**Lab ID:** 1409283-14**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1221	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1232	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1242	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1248	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1254	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1260	1,500		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1262	U		220	µg/Kg	1	9/10/2014 01:00 AM
Aroclor 1268	U		220	µg/Kg	1	9/10/2014 01:00 AM
PCBs, Total	1,500			µg/Kg	1	9/10/2014 01:00 AM
Surr: Decachlorobiphenyl	110		40-140	%REC	1	9/10/2014 01:00 AM
Surr: Tetrachloro-m-xylene	110		45-124	%REC	1	9/10/2014 01:00 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-015**Collection Date:** 9/4/2014 03:45 PM**Work Order:** 1409283**Lab ID:** 1409283-15**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1221	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1232	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1242	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1248	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1254	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1260	2,500		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1262	U		340	µg/Kg	1	9/10/2014 01:17 AM
Aroclor 1268	U		340	µg/Kg	1	9/10/2014 01:17 AM
PCBs, Total	2,500			µg/Kg	1	9/10/2014 01:17 AM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	9/10/2014 01:17 AM
Surr: Tetrachloro-m-xylene	105		45-124	%REC	1	9/10/2014 01:17 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-016**Collection Date:** 9/4/2014 04:20 PM**Work Order:** 1409283**Lab ID:** 1409283-16**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1221	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1232	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1242	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1248	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1254	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1260	1,600		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1262	U		210	µg/Kg	1	9/10/2014 01:33 AM
Aroclor 1268	U		210	µg/Kg	1	9/10/2014 01:33 AM
PCBs, Total	1,600			µg/Kg	1	9/10/2014 01:33 AM
Surr: Decachlorobiphenyl	101		40-140	%REC	1	9/10/2014 01:33 AM
Surr: Tetrachloro-m-xylene	102		45-124	%REC	1	9/10/2014 01:33 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-017**Collection Date:** 9/4/2014 04:30 PM**Work Order:** 1409283**Lab ID:** 1409283-17**Matrix:** SOLID

<b>Analyses</b>	<b>Result</b>	<b>Qual</b>	<b>Report Limit</b>	<b>Units</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
<b>PCBS</b>			<b>SW8082</b>		Prep: SW3550 / 9/8/14	Analyst: <b>JG</b>
Aroclor 1016	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1221	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1232	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1242	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1248	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1254	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1260	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1262	U		110	µg/Kg	1	9/10/2014 01:50 AM
Aroclor 1268	U		110	µg/Kg	1	9/10/2014 01:50 AM
<b>PCBs, Total</b>	U			µg/Kg	1	9/10/2014 01:50 AM
Surr: Decachlorobiphenyl	103		40-140	%REC	1	9/10/2014 01:50 AM
Surr: Tetrachloro-m-xylene	105		45-124	%REC	1	9/10/2014 01:50 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-018**Collection Date:** 9/4/2014 04:35 PM**Work Order:** 1409283**Lab ID:** 1409283-18**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1221	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1232	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1242	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1248	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1254	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1260	3,600		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1262	U		350	µg/Kg	1	9/10/2014 02:07 AM
Aroclor 1268	U		350	µg/Kg	1	9/10/2014 02:07 AM
PCBs, Total	3,600			µg/Kg	1	9/10/2014 02:07 AM
Surr: Decachlorobiphenyl	107		40-140	%REC	1	9/10/2014 02:07 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/10/2014 02:07 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-019**Collection Date:** 9/4/2014 04:40 PM**Work Order:** 1409283**Lab ID:** 1409283-19**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1221	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1232	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1242	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1248	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1254	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1260	150		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1262	U		69	µg/Kg	1	9/10/2014 02:40 AM
Aroclor 1268	U		69	µg/Kg	1	9/10/2014 02:40 AM
PCBs, Total	150			µg/Kg	1	9/10/2014 02:40 AM
Surr: Decachlorobiphenyl	101		40-140	%REC	1	9/10/2014 02:40 AM
Surr: Tetrachloro-m-xylene	97.3		45-124	%REC	1	9/10/2014 02:40 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-020**Collection Date:** 9/4/2014 04:51 PM**Work Order:** 1409283**Lab ID:** 1409283-20**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1221	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1232	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1242	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1248	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1254	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1260	350		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1262	U		220	µg/Kg	1	9/10/2014 02:57 AM
Aroclor 1268	U		220	µg/Kg	1	9/10/2014 02:57 AM
<b>PCBs, Total</b>	<b>350</b>			<b>µg/Kg</b>	<b>1</b>	<b>9/10/2014 02:57 AM</b>
Surr: Decachlorobiphenyl	106		40-140	%REC	1	9/10/2014 02:57 AM
Surr: Tetrachloro-m-xylene	105		45-124	%REC	1	9/10/2014 02:57 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-021**Collection Date:** 9/4/2014 04:53 PM**Work Order:** 1409283**Lab ID:** 1409283-21**Matrix:** SOLID

<b>Analyses</b>	<b>Result</b>	<b>Qual</b>	<b>Report Limit</b>	<b>Units</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
<b>PCBS</b>			<b>SW8082</b>		Prep: SW3550 / 9/8/14	Analyst: <b>JG</b>
Aroclor 1016	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1221	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1232	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1242	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1248	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1254	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1260	<b>290</b>		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1262	U		91	µg/Kg	1	9/11/2014 01:22 PM
Aroclor 1268	U		91	µg/Kg	1	9/11/2014 01:22 PM
PCBs, Total	<b>290</b>			µg/Kg	1	9/11/2014 01:22 PM
Surr: Decachlorobiphenyl	88.9		40-140	%REC	1	9/11/2014 01:22 PM
Surr: Tetrachloro-m-xylene	85.9		45-124	%REC	1	9/11/2014 01:22 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-022**Collection Date:** 9/4/2014 04:55 PM**Work Order:** 1409283**Lab ID:** 1409283-22**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1221	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1232	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1242	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1248	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1254	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1260	4,500		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1262	U		340	µg/Kg	1	9/11/2014 01:38 PM
Aroclor 1268	U		340	µg/Kg	1	9/11/2014 01:38 PM
PCBs, Total	4,500			µg/Kg	1	9/11/2014 01:38 PM
Surr: Decachlorobiphenyl	99.4		40-140	%REC	1	9/11/2014 01:38 PM
Surr: Tetrachloro-m-xylene	88.1		45-124	%REC	1	9/11/2014 01:38 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-023**Collection Date:** 9/4/2014 04:59 PM**Work Order:** 1409283**Lab ID:** 1409283-23**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1221	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1232	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1242	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1248	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1254	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1260	<b>230</b>		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1262	U		70	µg/Kg	1	9/11/2014 01:55 PM
Aroclor 1268	U		70	µg/Kg	1	9/11/2014 01:55 PM
<b>PCBs, Total</b>	<b>230</b>			µg/Kg	1	9/11/2014 01:55 PM
Surr: Decachlorobiphenyl	90.7		40-140	%REC	1	9/11/2014 01:55 PM
Surr: Tetrachloro-m-xylene	86.2		45-124	%REC	1	9/11/2014 01:55 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis, IN  
**Sample ID:** 090414-B-024  
**Collection Date:** 9/4/2014 05:26 PM

**Work Order:** 1409283  
**Lab ID:** 1409283-24  
**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1221	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1232	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1242	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1248	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1254	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1260	9,500		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1262	U		590	µg/Kg	1	9/11/2014 02:12 PM
Aroclor 1268	U		590	µg/Kg	1	9/11/2014 02:12 PM
PCBs, Total	9,500			µg/Kg	1	9/11/2014 02:12 PM
Surr: Decachlorobiphenyl	90.8		40-140	%REC	1	9/11/2014 02:12 PM
Surr: Tetrachloro-m-xylene	86.2		45-124	%REC	1	9/11/2014 02:12 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-025**Collection Date:** 9/4/2014 05:30 PM**Work Order:** 1409283**Lab ID:** 1409283-25**Matrix:** SOLID

<b>Analyses</b>	<b>Result</b>	<b>Qual</b>	<b>Report Limit</b>	<b>Units</b>	<b>Dilution Factor</b>	<b>Date Analyzed</b>
<b>PCBS</b>			<b>SW8082</b>		Prep: SW3550 / 9/8/14	Analyst: <b>JG</b>
Aroclor 1016	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1221	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1232	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1242	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1248	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1254	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1260	1,900		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1262	U		220	µg/Kg	1	9/11/2014 02:29 PM
Aroclor 1268	U		220	µg/Kg	1	9/11/2014 02:29 PM
<b>PCBs, Total</b>	<b>1,900</b>			<b>µg/Kg</b>	<b>1</b>	<b>9/11/2014 02:29 PM</b>
Surr: Decachlorobiphenyl	91.4		40-140	%REC	1	9/11/2014 02:29 PM
Surr: Tetrachloro-m-xylene	88.5		45-124	%REC	1	9/11/2014 02:29 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-026**Collection Date:** 9/4/2014 05:35 PM**Work Order:** 1409283**Lab ID:** 1409283-26**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1221	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1232	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1242	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1248	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1254	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1260	<b>360</b>		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1262	U		120	µg/Kg	1	9/11/2014 02:45 PM
Aroclor 1268	U		120	µg/Kg	1	9/11/2014 02:45 PM
<b>PCBs, Total</b>	<b>360</b>			µg/Kg	1	9/11/2014 02:45 PM
Surr: Decachlorobiphenyl	93.5		40-140	%REC	1	9/11/2014 02:45 PM
Surr: Tetrachloro-m-xylene	85.1		45-124	%REC	1	9/11/2014 02:45 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 11-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-027**Collection Date:** 9/4/2014 05:37 PM**Work Order:** 1409283**Lab ID:** 1409283-27**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1221	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1232	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1242	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1248	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1254	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1260	<b>270</b>		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1262	U		85	µg/Kg	1	9/11/2014 03:02 PM
Aroclor 1268	U		85	µg/Kg	1	9/11/2014 03:02 PM
<b>PCBs, Total</b>	<b>270</b>			µg/Kg	1	9/11/2014 03:02 PM
Surr: Decachlorobiphenyl	90.5		40-140	%REC	1	9/11/2014 03:02 PM
Surr: Tetrachloro-m-xylene	90.4		45-124	%REC	1	9/11/2014 03:02 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

Client: ENVIRON International Corp.

Work Order: 1409283

Project: Indianapolis, IN

**QC BATCH REPORT**Batch ID: **62525**Instrument ID **GC14**Method: **SW8082**

<b>Mblk</b>		Sample ID: <b>PBLKS1-62525-62525</b>		Units: <b>µg/Kg</b>		Analysis Date: <b>9/9/2014 08:32 PM</b>		
Client ID:		Run ID: <b>GC14_140909A</b>		SeqNo: <b>2930843</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	U	33						
Aroclor 1221	U	33						
Aroclor 1232	U	33						
Aroclor 1242	U	33						
Aroclor 1248	U	33						
Aroclor 1254	U	33						
Aroclor 1260	U	33						
Aroclor 1262	U	33						
Aroclor 1268	U	33						
PCBs, Total	U	0						
Surr: Decachlorobiphenyl	164.5	0	166	0	99.1	50-130	0	
Surr: Tetrachloro-m-xylene	161	0	166	0	97	45-124	0	

<b>LCS</b>		Sample ID: <b>PLCSS1-62525-62525</b>		Units: <b>µg/Kg</b>		Analysis Date: <b>9/9/2014 08:49 PM</b>		
Client ID:		Run ID: <b>GC14_140909A</b>		SeqNo: <b>2930844</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	1756	33	1666	0	105	50-130	0	
Aroclor 1260	1691	33	1666	0	102	50-130	0	
Surr: Decachlorobiphenyl	163.2	0	166	0	98.3	50-130	0	
Surr: Tetrachloro-m-xylene	163.3	0	166	0	98.4	45-124	0	

The following samples were analyzed in this batch:

1409283-01A	1409283-02A	1409283-03A
1409283-04A	1409283-05A	1409283-06A
1409283-07A	1409283-08A	1409283-09A
1409283-10A	1409283-11A	1409283-12A
1409283-13A	1409283-14A	1409283-15A
1409283-16A	1409283-17A	1409283-18A
1409283-19A	1409283-20A	

**Client:** ENVIRON International Corp.  
**Work Order:** 1409283  
**Project:** Indianapolis, IN

## QC BATCH REPORT

Batch ID: **62526**      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKS1-62526-62526</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 12:48 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2930911</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	33								
Aroclor 1221	U	33								
Aroclor 1232	U	33								
Aroclor 1242	U	33								
Aroclor 1248	U	33								
Aroclor 1254	U	33								
Aroclor 1260	U	33								
Aroclor 1262	U	33								
Aroclor 1268	U	33								
PCBs, Total	U	0								
<i>Surr: Decachlorobiphenyl</i>	145.9	0	166	0	87.9	50-130		0		
<i>Surr: Tetrachloro-m-xylene</i>	135.8	0	166	0	81.8	45-124		0		

LCS		Sample ID: <b>PLCSS1-62526-62526</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 01:05 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2930915</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1608	33	1666	0	96.5	50-130		0		
Aroclor 1260	1557	33	1666	0	93.5	50-130		0		
<i>Surr: Decachlorobiphenyl</i>	146.2	0	166	0	88.1	50-130		0		
<i>Surr: Tetrachloro-m-xylene</i>	142.3	0	166	0	85.7	45-124		0		

The following samples were analyzed in this batch:

1409283-21A	1409283-22A	1409283-23A
1409283-24A	1409283-25A	1409283-26A
1409283-27A		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**ALS Group USA, Corp****Date:** 15-Sep-14

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis, IN  
**Sample ID:** 090414-B-084  
**Collection Date:** 9/4/2014 12:42 PM

**Work Order:** 1409287  
**Lab ID:** 1409287-13  
**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1221	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1232	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1242	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1248	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1254	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1260	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1262	U		110	µg/Kg	1	9/11/2014 09:47 PM
Aroclor 1268	U		110	µg/Kg	1	9/11/2014 09:47 PM
PCBs, Total	U			µg/Kg	1	9/11/2014 09:47 PM
Surr: Decachlorobiphenyl	117		40-140	%REC	1	9/11/2014 09:47 PM
Surr: Tetrachloro-m-xylene	110		45-124	%REC	1	9/11/2014 09:47 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-085**Collection Date:** 9/4/2014 12:35 PM**Work Order:** 1409287**Lab ID:** 1409287-14**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1221	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1232	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1242	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1248	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1254	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1260	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1262	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
Aroclor 1268	U		<b>180</b>	µg/Kg	1	9/10/2014 03:47 AM
<b>PCBs, Total</b>	U			µg/Kg	1	9/10/2014 03:47 AM
Surr: Decachlorobiphenyl	105		40-140	%REC	1	9/10/2014 03:47 AM
Surr: Tetrachloro-m-xylene	103		45-124	%REC	1	9/10/2014 03:47 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-086**Collection Date:** 9/4/2014 12:29 PM**Work Order:** 1409287**Lab ID:** 1409287-15**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1221	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1232	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1242	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1248	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1254	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1260	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1262	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
Aroclor 1268	U		<b>160</b>	µg/Kg	1	9/10/2014 04:04 AM
<b>PCBs, Total</b>	U			µg/Kg	1	9/10/2014 04:04 AM
Surr: Decachlorobiphenyl	105		40-140	%REC	1	9/10/2014 04:04 AM
Surr: Tetrachloro-m-xylene	105		45-124	%REC	1	9/10/2014 04:04 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-087**Collection Date:** 9/4/2014 12:23 PM**Work Order:** 1409287**Lab ID:** 1409287-16**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1221	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1232	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1242	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1248	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1254	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1260	3,900		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1262	U		610	µg/Kg	1	9/10/2014 04:21 AM
Aroclor 1268	U		610	µg/Kg	1	9/10/2014 04:21 AM
PCBs, Total	3,900			µg/Kg	1	9/10/2014 04:21 AM
Surr: Decachlorobiphenyl	105		40-140	%REC	1	9/10/2014 04:21 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/10/2014 04:21 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-088**Collection Date:** 9/4/2014 12:12 PM**Work Order:** 1409287**Lab ID:** 1409287-17**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1221	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1232	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1242	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1248	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1254	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1260	5,300		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1262	U		600	µg/Kg	1	9/10/2014 04:37 AM
Aroclor 1268	U		600	µg/Kg	1	9/10/2014 04:37 AM
PCBs, Total	5,300			µg/Kg	1	9/10/2014 04:37 AM
Surr: Decachlorobiphenyl	107		40-140	%REC	1	9/10/2014 04:37 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/10/2014 04:37 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-089**Collection Date:** 9/4/2014 12:01 PM**Work Order:** 1409287**Lab ID:** 1409287-18**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1221	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1232	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1242	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1248	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1254	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1260	190		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1262	U		92	µg/Kg	1	9/10/2014 04:54 AM
Aroclor 1268	U		92	µg/Kg	1	9/10/2014 04:54 AM
PCBs, Total	190			µg/Kg	1	9/10/2014 04:54 AM
Surr: Decachlorobiphenyl	100		40-140	%REC	1	9/10/2014 04:54 AM
Surr: Tetrachloro-m-xylene	99.4		45-124	%REC	1	9/10/2014 04:54 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-090**Collection Date:** 9/4/2014 11:56 AM**Work Order:** 1409287**Lab ID:** 1409287-19**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1221	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1232	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1242	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1248	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1254	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1260	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1262	U		91	µg/Kg	1	9/10/2014 05:11 AM
Aroclor 1268	U		91	µg/Kg	1	9/10/2014 05:11 AM
<b>PCBs, Total</b>	U			µg/Kg	1	9/10/2014 05:11 AM
Surr: Decachlorobiphenyl	100		40-140	%REC	1	9/10/2014 05:11 AM
Surr: Tetrachloro-m-xylene	101		45-124	%REC	1	9/10/2014 05:11 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-091**Collection Date:** 9/4/2014 11:47 AM**Work Order:** 1409287**Lab ID:** 1409287-20**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1221	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1232	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1242	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1248	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1254	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1260	260		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1262	U		100	µg/Kg	1	9/10/2014 05:44 AM
Aroclor 1268	U		100	µg/Kg	1	9/10/2014 05:44 AM
PCBs, Total	260			µg/Kg	1	9/10/2014 05:44 AM
Surr: Decachlorobiphenyl	98.5		40-140	%REC	1	9/10/2014 05:44 AM
Surr: Tetrachloro-m-xylene	99.7		45-124	%REC	1	9/10/2014 05:44 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-092**Collection Date:** 9/4/2014 11:42 AM**Work Order:** 1409287**Lab ID:** 1409287-21**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1221	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1232	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1242	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1248	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1254	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1260	27,000	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1262	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
Aroclor 1268	U	4,500	µg/Kg	1	9/10/2014 06:01 AM	
PCBs, Total	27,000		µg/Kg	1	9/10/2014 06:01 AM	
Surr: Decachlorobiphenyl	107	40-140	%REC	1	9/10/2014 06:01 AM	
Surr: Tetrachloro-m-xylene	103	45-124	%REC	1	9/10/2014 06:01 AM	

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-093**Collection Date:** 9/4/2014 11:33 AM**Work Order:** 1409287**Lab ID:** 1409287-22**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>			<b>SW8082</b>			
Aroclor 1016	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1221	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1232	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1242	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1248	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1254	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1260	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1262	U		71	µg/Kg	1	9/10/2014 06:18 AM
Aroclor 1268	U		71	µg/Kg	1	9/10/2014 06:18 AM
<b>PCBs, Total</b>	U			µg/Kg	1	9/10/2014 06:18 AM
Surr: Decachlorobiphenyl	103		40-140	%REC	1	9/10/2014 06:18 AM
Surr: Tetrachloro-m-xylene	102		45-124	%REC	1	9/10/2014 06:18 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-094**Collection Date:** 9/4/2014 11:26 AM**Work Order:** 1409287**Lab ID:** 1409287-23**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1221	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1232	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1242	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1248	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1254	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1260	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1262	U		81	µg/Kg	1	9/10/2014 06:34 AM
Aroclor 1268	U		81	µg/Kg	1	9/10/2014 06:34 AM
PCBs, Total	U			µg/Kg	1	9/10/2014 06:34 AM
Surr: Decachlorobiphenyl	103		40-140	%REC	1	9/10/2014 06:34 AM
Surr: Tetrachloro-m-xylene	102		45-124	%REC	1	9/10/2014 06:34 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis, IN**Sample ID:** 090414-B-095**Collection Date:** 9/4/2014 11:14 AM**Work Order:** 1409287**Lab ID:** 1409287-24**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1221	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1232	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1242	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1248	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1254	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1260	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1262	U		150	µg/Kg	1	9/10/2014 06:51 AM
Aroclor 1268	U		150	µg/Kg	1	9/10/2014 06:51 AM
PCBs, Total	U			µg/Kg	1	9/10/2014 06:51 AM
Surr: Decachlorobiphenyl	106		40-140	%REC	1	9/10/2014 06:51 AM
Surr: Tetrachloro-m-xylene	104		45-124	%REC	1	9/10/2014 06:51 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409287  
**Project:** Indianapolis, IN

**QC BATCH REPORT**Batch ID: **62526**Instrument ID **GC14**Method: **SW8082**

<b>Mblk</b>		Sample ID: <b>PBLKS1-62526-62526</b>		Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 12:48 PM</b>		
Client ID:		Run ID: <b>GC14_140911A</b>		SeqNo: <b>2930911</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	U	33						
Aroclor 1221	U	33						
Aroclor 1232	U	33						
Aroclor 1242	U	33						
Aroclor 1248	U	33						
Aroclor 1254	U	33						
Aroclor 1260	U	33						
Aroclor 1262	U	33						
Aroclor 1268	U	33						
PCBs, Total	U	0						
Surr: Decachlorobiphenyl	145.9	0	166	0	87.9	50-130	0	
Surr: Tetrachloro-m-xylene	135.8	0	166	0	81.8	45-124	0	

<b>LCS</b>		Sample ID: <b>PLCSS1-62526-62526</b>		Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 01:05 PM</b>		
Client ID:		Run ID: <b>GC14_140911A</b>		SeqNo: <b>2930915</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	1608	33	1666	0	96.5	50-130	0	
Aroclor 1260	1557	33	1666	0	93.5	50-130	0	
Surr: Decachlorobiphenyl	146.2	0	166	0	88.1	50-130	0	
Surr: Tetrachloro-m-xylene	142.3	0	166	0	85.7	45-124	0	

The following samples were analyzed in this batch:

1409287-01A	1409287-02A	1409287-03A
1409287-04A	1409287-05A	1409287-06A
1409287-07A	1409287-08A	1409287-09A
1409287-10A	1409287-11A	1409287-12A
1409287-13A		

**Client:** ENVIRON International Corp.  
**Work Order:** 1409287  
**Project:** Indianapolis, IN

## QC BATCH REPORT

Batch ID: 62533      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKS1-62533-62533</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/10/2014 03:14 AM</b>			
Client ID:		Run ID: <b>GC14_140909A</b>			SeqNo: <b>2932802</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	33								
Aroclor 1221	U	33								
Aroclor 1232	U	33								
Aroclor 1242	U	33								
Aroclor 1248	U	33								
Aroclor 1254	U	33								
Aroclor 1260	U	33								
Aroclor 1262	U	33								
Aroclor 1268	U	33								
PCBs, Total	U	0								
<i>Surr: Decachlorobiphenyl</i>	168.6	0	166	0	102	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	162.7	0	166	0	98	45-124	0			

LCS		Sample ID: <b>PLCSS1-62533-62533</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/10/2014 03:30 AM</b>			
Client ID:		Run ID: <b>GC14_140909A</b>			SeqNo: <b>2932803</b>		Prep Date: <b>9/8/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1772	33	1666	0	106	50-130	0			
Aroclor 1260	1746	33	1666	0	105	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	169.6	0	166	0	102	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	166.4	0	166	0	100	45-124	0			

The following samples were analyzed in this batch:

1409287-14A	1409287-15A	1409287-16A
1409287-17A	1409287-18A	1409287-19A
1409287-20A	1409287-21A	1409287-22A
1409287-23A	1409287-24A	1409287-25A
1409287-26A	1409287-27A	1409287-28A
1409287-29A		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis IN  
**WorkOrder:** 1409456

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
µg/Kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
mg/Kg	Milligrams per Kilogram

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis IN**Sample ID:** 090514-B-28**Collection Date:** 9/5/2014**Work Order:** 1409456**Lab ID:** 1409456-03**Matrix:** BULK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1221	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1232	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1242	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1248	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1254	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1260	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1262	U		88	µg/Kg	1	9/11/2014 11:44 PM
Aroclor 1268	U		88	µg/Kg	1	9/11/2014 11:44 PM
PCBs, Total	U			µg/Kg	1	9/11/2014 11:44 PM
Surr: Decachlorobiphenyl	109		40-140	%REC	1	9/11/2014 11:44 PM
Surr: Tetrachloro-m-xylene	106		45-124	%REC	1	9/11/2014 11:44 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis IN**Sample ID:** 090514-B-29**Collection Date:** 9/5/2014**Work Order:** 1409456**Lab ID:** 1409456-04**Matrix:** BULK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1221	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1232	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1242	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1248	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1254	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1260	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1262	U		170	µg/Kg	1	9/12/2014 12:01 AM
Aroclor 1268	U		170	µg/Kg	1	9/12/2014 12:01 AM
PCBs, Total	U			µg/Kg	1	9/12/2014 12:01 AM
Surr: Decachlorobiphenyl	118		40-140	%REC	1	9/12/2014 12:01 AM
Surr: Tetrachloro-m-xylene	109		45-124	%REC	1	9/12/2014 12:01 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

Client: ENVIRON International Corp.

**QC BATCH REPORT**

Work Order: 1409456

Project: Indianapolis IN

Batch ID: 62652

Instrument ID GC14

Method: SW8082

MBLK			Sample ID: PBLKW1-62652-62652			Units: µg/L		Analysis Date: 9/12/2014 10:15 PM		
Client ID:		Run ID: GC14_140912B		SeqNo: 2935369		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.20								
Aroclor 1221	U	0.20								
Aroclor 1232	U	0.20								
Aroclor 1242	U	0.20								
Aroclor 1248	U	0.20								
Aroclor 1254	U	0.20								
Aroclor 1260	U	0.20								
Aroclor 1262	U	0.20								
Aroclor 1268	U	0.20								
PCBs, Total	U	0								
Surr: Decachlorobiphenyl	0.07	0	0.1	0	70	40-110		0		
Surr: Tetrachloro-m-xylene	0.076	0	0.1	0	76	40-110		0		

LCS			Sample ID: PLCSW1-62652-62652			Units: µg/L		Analysis Date: 9/12/2014 10:31 PM		
Client ID:		Run ID: GC14_140912B		SeqNo: 2935370		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.501	0.20	2.5	0	60	50-130		0		
Aroclor 1260	1.654	0.20	2.5	0	66.2	50-130		0		
Surr: Decachlorobiphenyl	0.067	0	0.1	0	67	40-110		0		
Surr: Tetrachloro-m-xylene	0.062	0	0.1	0	62	40-110		0		

MS			Sample ID: 1409390-01B MS			Units: µg/L		Analysis Date: 9/12/2014 11:36 PM		
Client ID:		Run ID: GC14_140912B		SeqNo: 2935372		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	15.56	2.0	25	0	62.2	40-140		0		
Aroclor 1260	17.88	2.0	25	0	71.5	40-140		0		
Surr: Decachlorobiphenyl	0.73	0	1	0	73	40-110		0		
Surr: Tetrachloro-m-xylene	0.59	0	1	0	59	40-110		0		

MSD			Sample ID: 1409390-01B MSD			Units: µg/L		Analysis Date: 9/12/2014 11:52 PM		
Client ID:		Run ID: GC14_140912B		SeqNo: 2935373		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	14.42	2.0	25	0	57.7	40-140	15.56	7.61	50	
Aroclor 1260	15.61	2.0	25	0	62.4	40-140	17.88	13.6	50	
Surr: Decachlorobiphenyl	0.71	0	1	0	71	40-110	0.73	2.78	50	
Surr: Tetrachloro-m-xylene	0.6	0	1	0	60	40-110	0.59	1.68	50	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

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Batch ID: **62652**      Instrument ID **GC14**      Method: **SW8082**

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The following samples were analyzed in this batch:

1409456-01A

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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

Batch ID: 62653      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKS1-62653-62653</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 10:03 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934651</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	33								
Aroclor 1221	U	33								
Aroclor 1232	U	33								
Aroclor 1242	U	33								
Aroclor 1248	U	33								
Aroclor 1254	U	33								
Aroclor 1260	U	33								
Aroclor 1262	U	33								
Aroclor 1268	U	33								
PCBs, Total	U	0								
<i>Surr: Decachlorobiphenyl</i>	178.5	0	166	0	108	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	168	0	166	0	101	45-124	0			

LCS		Sample ID: <b>PLCSS1-62653-62653</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 10:20 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934652</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1822	33	1666	0	109	50-130	0			
Aroclor 1260	1760	33	1666	0	106	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	175.8	0	166	0	106	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	166.3	0	166	0	100	45-124	0			

The following samples were analyzed in this batch:

1409456-03A      1409456-04A      1409456-05A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

Batch ID: **62759**      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKO1-62759-62759</b>			Units: <b>mg/Kg</b>		Analysis Date: <b>9/11/2014 10:37 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934653</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	1.0								
Aroclor 1221	U	1.0								
Aroclor 1232	U	1.0								
Aroclor 1242	U	1.0								
Aroclor 1248	U	1.0								
Aroclor 1254	U	1.0								
Aroclor 1260	U	1.0								
Aroclor 1262	U	1.0								
Aroclor 1268	U	1.0								
PCBs, Total	U	1.0								
<i>Surr: Decachlorobiphenyl</i>	1201	0	1000	0	120	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	1070	0	1000	0	107	40-110	0			

LCS		Sample ID: <b>PLCSO1-62759-62759</b>			Units: <b>mg/Kg</b>		Analysis Date: <b>9/11/2014 10:54 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934654</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	42920	1.0	50000	0	85.8	50-130	0			E
Aroclor 1260	43670	1.0	50000	0	87.3	50-130	0			E
<i>Surr: Decachlorobiphenyl</i>	966.1	0	1000	0	96.6	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	943.6	0	1000	0	94.4	40-110	0			

The following samples were analyzed in this batch:

1409456-02A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Project:** Indianapolis IN  
**WorkOrder:** 1409456

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
µg/Kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
mg/Kg	Milligrams per Kilogram

**ALS Group USA, Corp****Date:** 15-Sep-14**Client:** ENVIRON International Corp.**Project:** Indianapolis IN**Sample ID:** 090514-B-30**Collection Date:** 9/5/2014**Work Order:** 1409456**Lab ID:** 1409456-05**Matrix:** BULK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>PCBS</b>						
Aroclor 1016	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1221	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1232	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1242	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1248	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1254	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1260	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1262	U		190	µg/Kg	1	9/12/2014 12:17 AM
Aroclor 1268	U		190	µg/Kg	1	9/12/2014 12:17 AM
PCBs, Total	U			µg/Kg	1	9/12/2014 12:17 AM
Surr: Decachlorobiphenyl	113		40-140	%REC	1	9/12/2014 12:17 AM
Surr: Tetrachloro-m-xylene	110		45-124	%REC	1	9/12/2014 12:17 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

Client: ENVIRON International Corp.

**QC BATCH REPORT**

Work Order: 1409456

Project: Indianapolis IN

Batch ID: 62652

Instrument ID GC14

Method: SW8082

MBLK			Sample ID: PBLKW1-62652-62652		Units: µg/L		Analysis Date: 9/12/2014 10:15 PM			
Client ID:		Run ID: GC14_140912B		SeqNo: 2935369		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.20								
Aroclor 1221	U	0.20								
Aroclor 1232	U	0.20								
Aroclor 1242	U	0.20								
Aroclor 1248	U	0.20								
Aroclor 1254	U	0.20								
Aroclor 1260	U	0.20								
Aroclor 1262	U	0.20								
Aroclor 1268	U	0.20								
PCBs, Total	U	0								
Surr: Decachlorobiphenyl	0.07	0	0.1	0	70	40-110		0		
Surr: Tetrachloro-m-xylene	0.076	0	0.1	0	76	40-110		0		

LCS			Sample ID: PLCSW1-62652-62652		Units: µg/L		Analysis Date: 9/12/2014 10:31 PM			
Client ID:		Run ID: GC14_140912B		SeqNo: 2935370		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.501	0.20	2.5	0	60	50-130		0		
Aroclor 1260	1.654	0.20	2.5	0	66.2	50-130		0		
Surr: Decachlorobiphenyl	0.067	0	0.1	0	67	40-110		0		
Surr: Tetrachloro-m-xylene	0.062	0	0.1	0	62	40-110		0		

MS			Sample ID: 1409390-01B MS		Units: µg/L		Analysis Date: 9/12/2014 11:36 PM			
Client ID:		Run ID: GC14_140912B		SeqNo: 2935372		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	15.56	2.0	25	0	62.2	40-140		0		
Aroclor 1260	17.88	2.0	25	0	71.5	40-140		0		
Surr: Decachlorobiphenyl	0.73	0	1	0	73	40-110		0		
Surr: Tetrachloro-m-xylene	0.59	0	1	0	59	40-110		0		

MSD			Sample ID: 1409390-01B MSD		Units: µg/L		Analysis Date: 9/12/2014 11:52 PM			
Client ID:		Run ID: GC14_140912B		SeqNo: 2935373		Prep Date: 9/11/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	14.42	2.0	25	0	57.7	40-140	15.56	7.61	50	
Aroclor 1260	15.61	2.0	25	0	62.4	40-140	17.88	13.6	50	
Surr: Decachlorobiphenyl	0.71	0	1	0	71	40-110	0.73	2.78	50	
Surr: Tetrachloro-m-xylene	0.6	0	1	0	60	40-110	0.59	1.68	50	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

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Batch ID: **62652**      Instrument ID **GC14**      Method: **SW8082**

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The following samples were analyzed in this batch:

1409456-01A

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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

Batch ID: 62653      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKS1-62653-62653</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 10:03 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934651</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	33								
Aroclor 1221	U	33								
Aroclor 1232	U	33								
Aroclor 1242	U	33								
Aroclor 1248	U	33								
Aroclor 1254	U	33								
Aroclor 1260	U	33								
Aroclor 1262	U	33								
Aroclor 1268	U	33								
PCBs, Total	U	0								
<i>Surr: Decachlorobiphenyl</i>	178.5	0	166	0	108	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	168	0	166	0	101	45-124	0			

LCS		Sample ID: <b>PLCSS1-62653-62653</b>			Units: <b>µg/Kg</b>		Analysis Date: <b>9/11/2014 10:20 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934652</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1822	33	1666	0	109	50-130	0			
Aroclor 1260	1760	33	1666	0	106	50-130	0			
<i>Surr: Decachlorobiphenyl</i>	175.8	0	166	0	106	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	166.3	0	166	0	100	45-124	0			

The following samples were analyzed in this batch:

1409456-03A      1409456-04A      1409456-05A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** ENVIRON International Corp.  
**Work Order:** 1409456  
**Project:** Indianapolis IN

## QC BATCH REPORT

Batch ID: **62759**      Instrument ID **GC14**      Method: **SW8082**

MBLK		Sample ID: <b>PBLKO1-62759-62759</b>			Units: <b>mg/Kg</b>		Analysis Date: <b>9/11/2014 10:37 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934653</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	1.0								
Aroclor 1221	U	1.0								
Aroclor 1232	U	1.0								
Aroclor 1242	U	1.0								
Aroclor 1248	U	1.0								
Aroclor 1254	U	1.0								
Aroclor 1260	U	1.0								
Aroclor 1262	U	1.0								
Aroclor 1268	U	1.0								
PCBs, Total	U	1.0								
<i>Surr: Decachlorobiphenyl</i>	1201	0	1000	0	120	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	1070	0	1000	0	107	40-110	0			

LCS		Sample ID: <b>PLCSO1-62759-62759</b>			Units: <b>mg/Kg</b>		Analysis Date: <b>9/11/2014 10:54 PM</b>			
Client ID:		Run ID: <b>GC14_140911A</b>			SeqNo: <b>2934654</b>		Prep Date: <b>9/11/2014</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	42920	1.0	50000	0	85.8	50-130	0			E
Aroclor 1260	43670	1.0	50000	0	87.3	50-130	0			E
<i>Surr: Decachlorobiphenyl</i>	966.1	0	1000	0	96.6	50-130	0			
<i>Surr: Tetrachloro-m-xylene</i>	943.6	0	1000	0	94.4	40-110	0			

The following samples were analyzed in this batch:

1409456-02A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.